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1989  
Apr-June

# NATIONAL INSTITUTES OF HEALTH

## NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during  
APRIL, MAY, JUNE 1989

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service

August 1989





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National Institutes of health

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH  
DIVISION OF RESEARCH GRANTS  
INFORMATION SYSTEMS BRANCH

37

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# A C T I V I T Y C O D E S

C06	CANCER RESEARCH FACILITIES (NCI)	R01	RESEARCH PROJECT GRANTS--TRADITIONAL COOPERATIVE CLINICAL RESEARCH
D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	R10	RESEARCH DEMONSTRATION AND DISSEMINATION PROJECTS
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	R15	ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA)
F05	INTERNATIONAL FELLOWSHIPS (NCI)PS (FIC)	R21	EXPLORATORY/DEVELOPMENTAL GRANTS
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)	R22	U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
F15	FOGARTY INTERNATIONAL SCHOLARSHIPS (FIC)	R23	YOUNG, NEW, AND SPECIAL INVESTIGATOR AWARDS
F20	FRENCH, SWISS, SWEDISH POSTDOCTORAL FELLOWSHIPS	R24	RESOURCE-RELATED RESEARCH PROJECTS (DRR)
F31	POSTDOCTORAL INDIVIDUAL NAT'L. RES. SERVICE AWD.	R25	EDUCATION PROJECTS
F32	POSTDOCTORAL INDIVIDUAL NAT'L. RES. SERVICE AWD.	R26	NATIONAL ORGAN SITES PROJECT (NCI) OR AWARDS
F33	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS	R29	FIRST INDEPENDENT RESEARCH SUPPORT AND TRANSITION (FIRST) AWARD
F34	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)	R35	OUTSTANDING INVESTIGATOR GRANTS
F36	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)	R43	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I
		R44	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
G07	RESOURCES IMPROVEMENT GRANT (NLM)	S03	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (DRR)
G08	RESOURCES PROJECT GRANT (NLM)	S06	MINORITY BIOMEDICAL SUPPORT--MBS (DRR)
G12	RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD	S07	BIOMEDICAL RESEARCH SUPPORT GRANT (DRR)
G20	GRANTS FOR REPAIR, RENOVATION AND MODERNIZATION OF EXISTING RESEARCH FACILITIES	S08	BIOMEDICAL RESEARCH DEVELOPMENT GRANT (DRR)
K01	RESEARCH SCIENTIST DEV. AWARD--RES. AND TRAINING	S10	BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (DRR)
K04	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD	S11	MINORITY BIOMEDICAL RES. SUPPORT THEMATIC PROJECT GRANTS (DRR)
K07	ACADEMIC INVESTIGATOR AWARDS	S14	MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (DRR)
K08	CLINICAL INVESTIGATOR AWARD		
K10	SPECIAL SCIENTIFIC PROJECTS (NLM)	T32	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
K11	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	T34	MARC UNDERGRADUATE NRSA INSTITUTIONAL GRANTS TRAINING
K12	PHYSICIAN SCIENTIST AWARD (PROGRAM)		
K14	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD		
M01	GENERAL CLINICAL RESEARCH CENTERS (DRR)	U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
N01	RESEARCH AND PROJECT CONTRACTS	U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)
N43	SMALL BUSINESS INNOVATION RESEARCH (SBIR)--PHASE I	U26	ORGAN SYSTEM COORDINATING CENTER (COOPERATIVE AGREEMENTS)
P01	RESEARCH PROGRAM PROJECTS	U41	BIOTECHNOLOGY RESOURCES (COOPERATIVE AGREEMENTS)
P20	EXPLORATORY GRANTS	U50	SPECIAL COOPERATIVE HEALTH INVESTIGATIONS AND ASSESSMENTS OF CONTROL AND PREVENTION METHODS
P30	CENTER CORE GRANTS		
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P60	COMPREHENSIVE CENTER		





**SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION**

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AR	NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
CA	NATIONAL CANCER INSTITUTE
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	DIVISION OF CANCER PREVENTION AND CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER ETIOLOGY
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
DK	NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HC	DIVISION OF EPIDEMIOLOGY AND CLINICAL APPLICATIONS
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLBI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
LM	NATIONAL LIBRARY OF MEDICINE
OD	OFFICE OF THE DIRECTOR, NIH
DS	DIVISION OF SAFETY
NR	NATIONAL CENTER FOR NURSING RESEARCH
NS	NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER





# NIH GRANTS AWARDED DURING APRIL, MAY, & JUNE 1989 BY ADMINISTERING INSTITUTE

	TOTAL AWARDS		RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	89	10,447,766	82	10,013,720	6	351,415	1	82,631	0	0	0	0
AI	167	16,280,382	147	15,224,207	6	371,656	8	466,409	1	72,110	5	146,000
AR	72	7,134,081	70	6,985,201	2	148,880	0	0	0	0	0	0
CA	268	31,845,171	261	31,503,815	5	292,356	0	0	0	0	2	49,000
CB	3	496,783	0	0	0	0	3	496,783	0	0	0	0
CM	21	6,058,775	0	0	0	0	21	6,058,775	0	0	0	0
CN	11	1,296,095	0	0	0	0	11	1,296,095	0	0	0	0
CO	7	1,222,075	0	0	0	0	7	1,222,075	0	0	0	0
CP	22	2,665,446	0	0	0	0	22	2,665,446	0	0	0	0
DE	43	3,664,977	29	2,815,547	11	706,214	1	92,516	1	16,200	1	34,500
DK	143	15,640,426	100	13,409,983	13	931,143	5	449,558	2	190,992	23	658,750
ES	44	7,026,090	24	2,735,384	2	108,864	12	3,949,068	1	112,934	5	119,840
EY	54	3,542,098	38	2,845,308	4	263,858	1	171,119	0	0	11	261,813
GM	302	28,757,680	236	26,314,929	3	161,482	0	0	10	1,042,352	53	1,238,917
HB	3	1,916,685	0	0	0	0	3	1,916,685	0	0	0	0
HC	1	905,491	0	0	0	0	1	905,491	0	0	0	0
HD	90	12,694,268	66	9,394,744	2	127,625	10	2,614,181	5	346,618	7	211,100
HL	223	28,335,902	176	25,828,937	23	1,590,203	0	0	3	356,191	21	560,571
HO	1	49,000	0	0	0	0	1	49,000	0	0	0	0
HR	7	1,629,997	0	0	0	0	7	1,629,997	0	0	0	0
LM	7	5,809,049	1	28,844	0	0	6	5,780,205	0	0	0	0
NR	38	2,886,830	16	2,473,298	0	0	0	0	1	111,032	21	302,500
NS	89	8,197,082	30	3,664,871	10	622,648	11	3,033,813	0	0	38	875,750
OD	1	500,000	0	0	0	0	1	500,000	0	0	0	0
RR**	136	28,676,690	130	26,344,703	0	0	0	0	0	0	0	0
TW***	75	2,081,036	0	0	0	0	0	0	0	0	73	1,956,036
Total	1,917	229,759,875	1,406	179,583,491	87	5,676,344	132	33,379,847	24	2,248,429	260	6,414,777

\*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

\*\*INCLUDES 6 GRANTS AND 2,331,987 DOLLARS FOR CONSTRUCTION GRANTS

\*\*\*INCLUDES 2 GRANTS AND 125,000 DOLLARS FOR INTERNATIONAL TRAINING GRANTS IN EPIDEMIOLOGY





NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>ALABAMA</b>			
<b>BIRMINGHAM</b>			
BAPTIST MEDICAL CENTERS--BAPTIST MEDICAL CENTER-PRINCETON			
1S15 CA51267-01	OTTO, DAVID A	SMALL INSTRUMENTATION PROGRAM	5,502
INSTITUTION TOTAL	1		5,502
<b>SOUTHERN RESEARCH INSTITUTE</b>			
1S15 CA51357-01	SANI, BRAHMA P	SMALL INSTRUMENTATION PROGRAM	20,157
INSTITUTION TOTAL	1		20,157
<b>UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM</b>			
1S15 CA51303-01	ALVAREZ, JOSE O	SMALL INSTRUMENTATION PROGRAM	7,769
1R29 HL40702-01A1	ANDERSON, PETER G	ISCHEMIC AND PERFUSION INJURY IN CARDIAC HYPERTROPHY	99,208
1S15 CA51277-01	BLAYNEY, KEITH D	SMALL INSTRUMENTATION PROGRAM	11,235
1R01 HL43373-01	BRADLEY, WILLIAM A	VLDL, ATHEROSCLEROSIS, AND THROMBOSIS-MECHANISTIC LINKS	197,174
1R01 GM42751-01	BUCY, R PAT	STUDIES OF CHICKEN T CELL SUBLINEAGES	140,363
1S10 RR04650-01	CHEUNG, HERBERT C	PURCHASE OF RAPID KINETIC INSTRUMENT	156,000
1R03 DE08888-01A1	CHILDERS, NOEL K	ORAL RISK FACTORS IN CHILDREN WITH LEUKEMIA	20,770
1R01 AI27201-01A1	MCDANIEL, LARRY S	PNEUMOCOCCAL CELL SURFACE PROTECTION ELICITING MOLECULES	94,273
1R29 DE08580-01A1	MOORE, WILLIAM J	BIOLOGICAL ROLE OF GELATINASE	76,329
1R29 HL43052-01	NAFTLIAN, ALLAN J	ANGIOTENSIN II INDUCTION PDGF SMOOTH MUSCLE CELLS	92,815
1S15 AI29010-01	PITTMAN, JAMES A, JR	SMALL INSTRUMENTATION PROGRAM	75,907
1R03 DE09134-01	RAHEMTULLA, FIROZ	PROTEOGLYCANS OF HEALTHY & INFLAMED GINGIVAL FIBROBLASTS	21,300
1R01 HL43508-01	TOWNES, TIM M	TRANSGENIC MOUSE MODEL FOR SICKLE CELL DISEASE	332,873
1R01 AI28457-01	YOTHER, JANET L	GENETICS & VIRULENCE OF PNEUMOCOCCAL CAPSULAR TYPES	100,327
INSTITUTION TOTAL	14		1,426,343
CITY TOTAL	16		1,452,002
<b>JACKSONVILLE</b>			
JACKSONVILLE STATE UNIVERSITY			
1R15 HD25601-01	PALYA, WILLIAM L	CLOCKED FIXED-TIME SCHEDULES	68,028
INSTITUTION TOTAL	1		68,028
CITY TOTAL	1		68,028
<b>TUSCALOOSA</b>			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA			
1S10 RR04847-01	CAINE, DRURY S, III	PURCHASE OF A HIGH RESOLUTION MASS SPECTROMETER	400,000
1S15 CA51316-01	NEVILLE, JAMES A	SMALL INSTRUMENTATION PROGRAM	9,278
INSTITUTION TOTAL	2		409,278
CITY TOTAL	2		409,278

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER

STATE TOTAL 19 1,929,308

## ARIZONA

## FLAGSTAFF

NORTHERN ARIZONA UNIVERSITY

1R15 DK41439-01 GUNDERSON, HANS M

1R01 HL41986-01A1 LINDSTEDT, STAN L

INSTITUTION TOTAL 2 182,546  
CITY TOTAL 2 182,546ENDURANCE TRAINING EFFECTS ON GLUCOSE METABOLISM  
MUSCLE ADAPTABILITY AND RESPIRATORY SYSTEM DESIGN91,387  
91,159

## SCOTTSDALE

SOUTHWEST BIOMEDICAL RESEARCH INSTITUTE

1S15 CA51289-01 GEMMILL, ROBERT M

INSTITUTION TOTAL 1 5,995  
CITY TOTAL 1 5,995

SMALL INSTRUMENTATION PROGRAM

5,995

## TEMPE

ARIZONA STATE UNIVERSITY

1S15 GM43391-01 JACOBS, BERTRAM L

1R35 CA44344-01A1 PETTIT, GEORGE R

INSTITUTION TOTAL 2 412,107

SMALL INSTRUMENTATION PROGRAM  
NCI OUTSTANDING INVESTIGATOR GRANT22,033  
390,074

PRIMATE FOUNDATION OF ARIZONA

1R24 RR05234-01 FRITZ, JO

INSTITUTION TOTAL 1 242,219  
CITY TOTAL 3 654,326

IMPROVEMENT OF INSTITUTIONAL ANIMAL RESOURCES

242,219

## TUCSON

UNIVERSITY OF ARIZONA

1S15 CA51280-01 COLE, JACK R

1S10 RR04861-01 ENEMARK, JOHN H

1R01 HD24869-01A1 HAGEDORN, HENRY H

1R29 GM41247-01A1 KANOST, MICHAEL R

1R01 DK41317-01 KOMM, BARRY S

1R01 GM42762-01 VIERLING, ELIZABETH

1R29 DK40372-01A1 WHITFIELD, G KERR

1R01 AI26905-01A1 ZIEGLER, ROLF

INSTITUTION TOTAL 8 988,290

SMALL INSTRUMENTATION PROGRAM  
X-RAY STRUCTURE DETERMINATION SYSTEM  
HOMOLOGOUS GENE TRANSFER SYSTEMS FOR THE MOSQUITO  
SERINE PROTEINASE INHIBITORS IN INSECTS  
CAMP GENE INTERACTION WITH VITAMIN D3 RECEPTOR  
EXPRESSION & FUNCTION OF ORGANELLE HEAT SHOCK PROTEINS  
STRUCTURE/FUNCTION STUDIES OF THE VITAMIN D RECEPTOR  
CONTROL OF PEPTIDE HORMONE LEVELS IN INSECTS12,016  
230,000  
137,724  
98,296  
125,437  
136,239  
99,170  
149,408

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

CITY TOTAL 8 988,290

STATE TOTAL 14 1,831,157

## ARKANSAS

## LITTLE ROCK

UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK

1R29 ES05318-01 GANDY, JAY  
1S15 CA51300-01 HENLE, KURT J

INSTITUTION TOTAL 2 124,386

CITY TOTAL 2 124,386

STATE TOTAL 2 124,386

## CALIFORNIA

## ANAHEIM

EMPLOYMENT AND REHABILITATION INSTITUTE OF CALIFORNIA

PREVENTION OF DISABILITY-INDUCED RETIREMENT

49,362

1R43 AG08408-01 MATHESON, LEONARD N

INSTITUTION TOTAL 1 49,362

CITY TOTAL 1 49,362

## BELMONT

NORTHERN CALIFORNIA CANCER CENTER

SMALL INSTRUMENTATION PROGRAM

6,521

1S15 CA51261-01 DAVIS, THOMAS E

INSTITUTION TOTAL 1 6,521

CITY TOTAL 1 6,521

## BERKELEY

UNIVERSITY OF CALIFORNIA AT BERKELEY

ENZYMATIC METHODS IN NATURAL PRODUCT SYNTHESIS  
MOLECULAR ANALYSIS OF THE YEAST ACTIN CYTOSKELETON  
ZINC ABSORPTION IN DIABETIC PREGNANT WOMEN  
GENETIC EPIDEMIOLOGY OF IN UTERO HIV TRANSMISSION  
TRANSFORMATION OF HUMAN BREAST EPITHELIAL CELLS IN VITRO  
MULTIPLE SCATTERING IN 3D CHARGED PARTICLES TMT PLANNING  
MOLECULAR MODEL FOR T CELL RECEPTOR-LIGAND INTERACTIONS  
SMALL INSTRUMENTATION PROGRAM

90,382  
151,113  
235,488  
188,266  
196,276  
79,963  
119,777  
76,882

1R29 GM43037-01 BEDNARSKI, MARK D

1R01 GM42759-01 DRUBIN, DAVID G

1R01 DK41732-01 KING, JANET C

1R01 HD25792-01 KING, MARY C

1R01 CA49374-01 NANDI, SATYABRATA

1R01 CA48900-01A1 PETTI, PAULA L

1R01 AI26604-01A1 SHASTRI, NILABH

1S15 AG08790-01 WOOD, DAVID L

INSTITUTION TOTAL 8 1,138,147



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>BERKELEY</b>			
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY			
1R01 GM40903-01A1	JUKES, THOMAS H	CODING & NONCODING REGIONS IN DNA SEQUENCES	65,070
1S15 HL43932-01	SILVERMAN, PAUL H	SMALL INSTRUMENTATION PROGRAM	50,483
INSTITUTION TOTAL	2		115,553
CITY TOTAL	10		1,253,700
<b>DAVIS</b>			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1R01 HD25476-01	ACREDOLO, LINDA P	IMPACT OF SYMBOLIC GESTURING ON INFANT DEVELOPMENT	138,519
1R01 HD24112-01A1	DEWEY, KATHRYN G	EFFECTS OF EXERCISE ON LACTATION PERFORMANCE IN HUMANS	151,798
1R01 CA50371-01	GOLD, ELLEN B	FAMILY HISTORY IN CHILDREN WITH BRAIN TUMORS	37,985
1R29 CA49624-01	HINRICHS, STEVEN H	EFFECT OF HTLV-I TAT EXPRESSION IN TRANSGENIC MICE	98,586
1S10 RR04795-01	LA MAR, GERD N	PURCHASE OF HIGH FIELD NMR SPECTROMETER	400,000
1R01 AI28580-01	LUCIW, PAUL A	FELINE IMMUNODEFICIENCY VIRUS GENE EXPRESSION	232,659
1R01 HL43609-01	LUCIW, PAUL A	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	197,905
1R01 HD25907-01	OVERSTREET, JAMES W	BASIC AND APPLIED RESEARCH ON SPERM CRYOPRESERVATION	171,084
1R01 HL43032-01	PLOPPER, CHARLES G	REGULATORS OF CLARA CELL DIFFERENTIATION IN LUNG	136,724
INSTITUTION TOTAL	9		1,565,260
CITY TOTAL	9		1,565,260
<b>DUARTE</b>			
CITY OF HOPE NATIONAL MEDICAL CENTER			
1S15 CA51359-01	COMINGS, DAVID E	SMALL INSTRUMENTATION PROGRAM	21,500
1S15 CA51334-01	HOLDEN, JOSEPH T	SMALL INSTRUMENTATION PROGRAM	22,759
INSTITUTION TOTAL	2		44,259
CITY TOTAL	2		44,259
<b>IRVINE</b>			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1S10 RR05053-01	BRADSHAW, RALPH A	HIGH SENSITIVITY PROTEIN ISOLATION/ANALYTICAL SYSTEM	185,000
1R01 GM42447-01	HUDSON, RICHARD R	MATHEMATICAL ANALYSIS OF DNA VARIATION WITHIN NATURAL P	73,872
1R01 AG07546-01A1	LEON, MICHAEL A	NEURAL DETOXIFICATION SYSTEMS IN THE AGED	76,340
1R01 GM42546-01	O'CONNOR, MICHAEL B	REGULATORY ORGANIZATION OF THE BIOTHOX COMPLEX	130,807
1S10 RR04674-01	OVERMAN, LARRY E	PURCHASE OF A 300 MHZ NMR SPECTROMETER	104,000
1R29 CA48713-01A1	SAMOSZUK, MICHAEL K	ENZYME IMMUNOAUGMENTATION OF HODGKIN'S DISEASE	112,206
1R01 GM42533-01	SCOTT, JOHN DONALD	MOLECULAR ANALYSIS OF CAMP-DEP KINASE INHIBITOR PROTEINS	144,973
1S15 CA51321-01	SMITH, L DENNIS	SMALL INSTRUMENTATION PROGRAM	43,739

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>IRVINE</b>			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1S10 RR04770-01	SMITH, MOYRA	GENETISCAN MASTER KARYOTYPING SYSTEM	153,000
1R01 GM42365-01	WASMUTH, JOHN J	HIGH RESOLUTION PHYSICAL MAPS OF 4P AND 5Q	361,099
INSTITUTION TOTAL	10		
CITY TOTAL	10		
			1,385,036
			1,385,036
<b>LA JOLLA</b>			
<b>AGOURON INSTITUTE</b>			
1S15 AI29052-01	HOWARD, RANDALL F	SMALL INSTRUMENTATION PROGRAM	6,393
INSTITUTION TOTAL	1		
			6,393
<b>LA JOLLA CANCER RESEARCH FOUNDATION</b>			
1R24 RR05260-01	ENGVAL, EVA	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	99,989
INSTITUTION TOTAL	1		
			99,989
<b>LA JOLLA CLINIC RESEARCH FOUNDATION</b>			
1S15 CA51335-01	RUOSLAHTI, ERKKI I	BECKMAN ULTRACENTRIFUGE L7-65	39,115
INSTITUTION TOTAL	1		
			39,115
<b>MEDICAL BIOLOGY INSTITUTE</b>			
1S15 AI29056-01	KATZ, DAVID H	SMALL INSTRUMENTATION PROGRAM	21,989
1S10 RR04686-01	KATZ, DAVID H	USE OF GAMMA IRRADIATOR ON BIOLOGICAL SAMPLES	124,000
INSTITUTION TOTAL	2		
			145,989
<b>SALK INSTITUTE FOR BIOLOGICAL STUDIES</b>			
1S15 GM43436-01	ECKHART, WALTER	SMALL INSTRUMENTATION PROGRAM	69,267
1R24 RR05452-01	SPAHN, GERARD J	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	79,250
INSTITUTION TOTAL	2		
			148,517
<b>SCRIPPS CLINIC AND RESEARCH FOUNDATION</b>			
1R01 AI28197-01	ALTMAN, AMNON	T CELL IMMUNITY AND SYNTHETIC PEPTIDE AIDS VACCINES	202,448
1R01 AI28479-01	BABIOR, BERNARD M	OXIDASE-RELATED 48K PHOSPHOPROTEIN OF HUMAN NEUTROPHILS	152,800
1R01 CA49870-01	KIPPS, THOMAS J	ANTIBODY V GENE EXPRESSION IN HUMAN B CELL MALIGNANCIES	142,971
1S15 AI29070-01	LERNER, RICHARD A	SMALL INSTRUMENTATION PROGRAM	89,832
1R01 HL43179-01	PLOW, EDWARD F	PLATELET RECEPTORS FOR FIBRINOGEN AND THROMBOSPONDIN	205,849
1R01 GM42455-01	SCHMID, SANDRA L	ANALYSIS OF EARLY STEPS IN RECEPTOR-MEDIATED ENDOCYTOSIS	118,287

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>LA JOLLA</b>			
SCRIPPS CLINIC AND RESEARCH FOUNDATION		ROLE OF OXIDANTS IN ACUTE INFLAMMATORY INJURY	84,518
1R29 AI27506-01A1	SCHRAUFSTATTER, INGRID U	PHYSICAL APPROACH TO GENETICS OF CEREBELLUM DEVELOPMENT	200,587
1R01 GM43836-01	SUTCLIFFE, J GREGOR	MOLECULAR ANALYSIS OF PHOTORECEPTOR DEGENERATION	152,620
1R01 EY08043-01	TRAVIS, GABRIEL H	MECHANISM OF LYMPHOCYTE CYTOTOXICITY & SELF PROTECTION	159,042
1R01 CA47869-01A1	ZALMAN, LEORA S		
INSTITUTION TOTAL	10		1,508,954
<b>UNIVERSITY OF CALIFORNIA AT SAN DIEGO</b>			
1R01 AG08415-01	ANCOLI-ISRAEL, SONIA	SLEEP CONSOLIDATION IN A NURSING HOME POPULATION	141,565
1S15 GM43388-01	ATTIYEH, RICHARD	SMALL INSTRUMENTATION PROGRAM	67,441
1R01 HL43154-01	BROWN, MARVIN R	CARDIOVASCULAR BIOLOGY OF NEUROPEPTIDE Y	213,021
1R37 HL44147-01	CHIEN, SHU	ROLE OF BLOOD CELL PROPERTIES IN CIRCULATORY REGULATION	192,492
1R01 HL43617-01	COVELL, JAMES W	MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM	191,200
1R01 NS26739-01	ELLISMAN, MARK H	PACKAGING & AXONAL TRANSPORT OF THREE MACROMOLECULES	163,190
1R01 GM40790-01A1	FRIEDMANN, THEODORE	PHYSICAL MAP OF THE HUMAN X CHROMOSOME	404,742
1R01 AG08514-01	GAGE, FRED H	GRAFTING GENETICALLY MODIFIED CELLS TO THE BRAIN	273,999
1R01 HL43523-01	KORNBLUTH, RICHARD S	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	211,126
1S10 RR04754-01	LANGLAIS, PHILIP J	NEUROCHEMICAL ANALYZER	107,000
1R29 CA49649-01	LEE, EVA Y	CANCER SUPPRESSING & DEVELOPMENTAL FUNCTIONS OF RB GENE	107,489
1R01 AR40050-01	LIEBER, RICHARD L	MUSCLE INJURY: MECHANISM, PREVENTION & TREATMENT	169,773
1R01 CA49963-01	MERCOLA, DANIEL A	APPLICATION OF ANTISENSE FOS AND SIS RNA TO HUMAN TUMORS	126,413
1R13 CA50386-01	ROYSTON, IVOR	FOURTH INTERNATIONAL CONFERENCE ON MONOCLONAL ANTIBODY	7,500
1R29 HL43275-01	TAKIYUDDIN, MARWAN A	CHROMOGRANIN A IN EXPERIMENTAL HYPERTENSION	84,362
1S10 RR04733-01	TRAYLOR, TEDDY G	500 MHZ SPECTROMETER	400,000
1S10 RR04838-01	XUONG, NGUYEN-HUU	DATA COLLECTION SYSTEM FOR SMALL PROTEIN CRYSTALS	400,000
INSTITUTION TOTAL	17		3,261,313
CITY TOTAL	34		5,210,270
<b>LIVERMORE</b>			
UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL LABORATORY		IMAGE ANALYSIS SYSTEM	
1S10 RR04918-01	DEAN, PHILLIP N		
INSTITUTION TOTAL	1		210,000
CITY TOTAL	1		210,000
<b>LONG BEACH</b>			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LONG BEACH			
1R01 CA49553-01	BURHANSSTIPANOV, LINDA K	CERVICAL CANCER AMONG AMERICAN INDIAN WOMEN	151,229
1S15 AG08784-01	JENSEN, JAMES	SMALL INSTRUMENTATION PROGRAM	4,730
INSTITUTION TOTAL	2		155,959

210,000

151,229  
4,730



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	155,959	
CALIFORNIA			
LOS ANGELES			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES		RELATIONSHIP BETWEEN MOUSE SPERM MORPHOLOGY AND MOTILITY	98,727
1R15 HD25686-01	PEITZ, BETSY		
INSTITUTION TOTAL	1	98,727	
CEDARS-SINAI MEDICAL CENTER			
1R01 AI28747-01	HO, DAVID D	HIV-1 INFECTION OF CD4-NEGATIVE NEURONAL CELLS	154,173
INSTITUTION TOTAL	1	154,173	
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 CA49532-01	GILLES, FLOYD H	CHILDHOOD BRAIN TUMORS: PROGNOSIS AND HOMOGENEITY	315,118
1R01 CA49843-01	HOLCENBERG, JOHN	DEOXYCYTIDINE KINASE CONTROL AND ARA-C RESISTANCE	143,668
1R01 CA50559-01	LAUG, WALTER E	MODULATION OF TUMOR INVASION & METASTASIS	154,801
INSTITUTION TOTAL	3	613,587	
ESTELLE DOHENY EYE FOUNDATION			
1R01 AG07891-01A1	BLANKS, JANET M	MECHANISMS OF RETINAL DEFECTS IN ALZHEIMERS DISEASE	140,388
1S15 EY08441-01	OGDEN, THOMAS E	SMALL INSTRUMENTATION PROGRAM	8,685
1R01 EY08106-01	SUZUKI, SHINTARO	FUNCTION OF THE VITRONECTIN RECEPTOR OF HUMAN RPE	161,116
INSTITUTION TOTAL	3	310,189	
J. DAVID GLADSTONE FOUNDATION			
1S15 HL43967-01	INNERARITY, THOMAS L	SMALL INSTRUMENTATION PROGRAM	12,908
INSTITUTION TOTAL	1	12,908	
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY-UNIV OF SO CALIFORNIA MED CTR		CELLULAR MECHANISMS IN LUNG VASCULAR RESPONSE TO HYPOXIA	152,024
1R01 HL42084-01A1	SOBIN, SIDNEY S		
INSTITUTION TOTAL	1	152,024	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R29 NS27812-01	BREDESEN, DALE E	MOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS	91,942
1R03 DE09032-01	CHANDLER, SCOTT H	BRAINSTEM PREPARATION FOR STUDY OF ORAL-MOTOR ACTIVITY	18,468
1R01 CA50275-01	CLINE, MARTIN J	MOLECULAR EVENTS IN BLAST CRISIS OF CML	173,184
1R29 HL43379-01	DEMER, LINDA L	MECHANICAL BASIS FOR OPTIMAL BALLOON ANGIOPLASTY	113,950
1R01 CA50443-01	DENNY, CHRISTOPHER T	MOLECULAR STUDY OF EWING SARCOMA T 11-22 TRANSLOCATION	128,647

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1R29 CA50780-01 1S15 EY08444-01 1R01 GM42421-01 1R01 NR02030-01A1 1R25 CA49565-01 1R29 DE09174-01 1R01 HL42488-01 1S10 RR04921-01 1R13 DK41633-01 1R01 CA50339-01	ECONOMOU, JAMES S FRANK, JOY S GRUNSTEIN, MICHAEL KILLION, CHERYL M LI, VIRGINIA C LINDEMANN, ROBERT A LUSIS, ALDON S J REISLER, EMIL TACHE, YVETTE F WETTSTEIN, FELIX O	THERAPEUTIC REGULATION OF TNF IN IL-2 IMMUNOTHERAPY SMALL INSTRUMENTATION PROGRAM CHROMOSOMAL REPRESSION OF THE YEAST SILENT MATING LOCI COEXISTENCE OF PREGNANCY AND HOMELESSNESS CANCER EDUCATION PROGRAM FOR CHRONIC DISEASE PREVENTION NK AND MONOCYTE REGULATION IN PERIODONTAL DISEASE LIPOPROTEIN METABOLISM GENETIC CONTROL CIRCULAR DICHROISM SPECTROPOLARIMETER INTERNATIONAL SYMPOSIUM ON BRAIN-GUT INTERACTIONS IMMUNOLOGY OF VIRUS INDUCED PAPILLOMAS/CARCINOMAS	86,558 81,436 161,568 106,572 306,952 89,459 268,510 127,000 2,000 258,708
INSTITUTION TOTAL	15	2,014,954	
UNIVERSITY OF SOUTHERN CALIFORNIA 1R01 GM42942-01 1R01 CA50261-01 1R29 GM42644-01 1R01 GM42554-01 1R13 CA49520-01 1R35 CA49758-01 1S10 RR04955-01 1R01 CA50850-01 1R01 HL41341-01A1 1R01 AG07892-01A1 1R29 GM42704-01 1R01 HD26635-01	ARNHEIM, NORMAN BROEK, DANIEL L DUNCAN, ROGER F GOODMAN, MYRON F HENDERSON, BRIAN E JONES, PETER A KEDES, LAURENCE H LEVINE, ALEXANDRA M MEISELMAN, HERBERT J MORGAN, DAVID G YANG, GILBERT K YING, SHAO-YAO	GENETIC AND MOLECULAR STUDIES OF RDNA ISOLATION AND ANALYSIS OF PROTEINS WHICH REGULATE RAS HEAT STRESS EFFECTS ON PROTEIN SYNTHESIS AND PROTEIN PHO THE BIOCHEMICAL BASIS OF SOS-INDUCED MUTAGENESIS EPIDEMIOLOGY AND CANCER REGISTRIES/PAC DNA METHYLATION IN DEVELOPMENT AND CANCER CAMPUS LINK IN MOLECULAR BIOLOGY--COMPUTER NETWORK EPIDEMIOLOGY OF HIV-RELATED LYMPHOMA HEMORHEOLOGY IN SICKLE CELL ANEMIA AND RELATED DISORDERS CHANGES IN BRAIN ASTROCYTES WITH AGING ENERGETICS AND DYNAMICS OF ORGANOMETALLIC REACTIONS FOLLISTATIN--NOVEL PROTEIN INHIBITS FSH RELEASE	401,531 173,484 97,485 145,106 25,000 317,806 398,000 425,654 131,293 154,150 90,028 184,918
INSTITUTION TOTAL CITY TOTAL	12 37	2,544,455 5,901,017	
MENLO PARK SRI INTERNATIONAL 1S15 CA51295-01	SUTHERLAND, ROBERT M	SMALL INSTRUMENTATION PROGRAM	42,232
INSTITUTION TOTAL CITY TOTAL	1 1	42,232 42,232	
MOUNTAIN VIEW BIOTRACK, INC. 1R43 HL42700-01	ALLEN, JIMMY D	ASSESSMENT OF CLOT LYSIS BY LASER LIGHT SCATTER SYSTEM	50,000
INSTITUTION TOTAL	1	50,000	



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA MOUNTAIN VIEW INFORMATION ANALYSIS 1R43 AR3926-01	CORPORATION CODE, RONALD L	PATIENT CARE FUNCTIONS FOR AN ARTHRITIS DATABASE SYSTEM	50,000
INSTITUTION TOTAL	1 50,000		
CITY TOTAL	2 100,000		
OAKLAND KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE 1R01 AG05188-01A3 BARKER, WILLIAM H 1R35 CA49761-01 FRIEDMAN, GARY D 1S15 CA51299-01 LAIRSON, PAUL D 1R01 AG07433-01A2 RIED, L DOUGLAS		MORTALITY DECLINE AMONG THE AGED--EXPLANATORY FACTORS CANCER EPIDEMIOLOGY IN A LARGE HEALTH CARE PLAN SMALL INSTRUMENTATION PROGRAM ANTIHYPERTENSIVE DRUG USE AND FUNCTIONING IN THE ELDERLY	309,004 248,647 18,768 114,040
INSTITUTION TOTAL	4 690,459		
PERALTA CANCER RESEARCH INSTITUTE 1S15 CA51266-01 HACKETT, ADELINE J		SMALL INSTRUMENTATION PROGRAM	8,779
INSTITUTION TOTAL	1 8,779		
CITY TOTAL	5 699,238		
PALO ALTO PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE 1S15 HL43933-01 COOPER, ALLEN D		SMALL INSTRUMENTATION PROGRAM	13,244
INSTITUTION TOTAL	1 13,244		
SYNTEX CORPORATION--SYNTEX (USA), INC.--RESEARCH DIVISION 1R01 HL43399-01 NAVRE, MARC E		GROWTH FACTOR ACTION IN DEVELOPING LUNG	47,700
INSTITUTION TOTAL	1 47,700		
TECTRA, INC. 1R43 NS27793-01 LOH, IH-HOUNG		NOVEL BIOELECTRODE FOR NEUROSCIENCE APPLICATIONS	50,000
INSTITUTION TOTAL	1 50,000		
CITY TOTAL	3 110,944		
PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1S15 AG08787-01 BROKAW, CHARLES J		SMALL INSTRUMENTATION PROGRAM	56,634

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY	DERVAN, PETER B	SITE SPECIFIC CHEMICAL METHODS FOR CLEAVING GENOMIC DNA	236,906
1R01 GM42966-01	TANOUYE, MARK A	ION CHANNELS: MOLECULAR AND BIOPHYSICAL ASPECTS	153,818
1R01 GM42824-01			
INSTITUTION TOTAL	3	447,358	
CITY TOTAL	3	447,358	
RICHMOND			
BIOGROWTH, INC.	TALKINGTON-VERSER, CAROL A	IDENTIFICATION OF TISSUE-SPECIFIC IGF-CP VARIANTS	50,000
1R43 GM43011-01			
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
RIVERSIDE			
UNIVERSITY OF CALIFORNIA AT RIVERSIDE	JURNAK, FRANCES A	COMPLETE AREA DETECTOR SYSTEM FOR BIOTECH RESEARCH	130,000
1S10 RR05070-01	NORMAN, ANTHONY W	SMALL INSTRUMENTATION PROGRAM	13,881
1S15 HL44023-01			
INSTITUTION TOTAL	2	143,881	
CITY TOTAL	2	143,881	
SAN CARLOS			
CHRONOMED, INC.	SAUNDERS, ALEX M	IMPROVED RESOLUTION OF METABOLIC CONTROL IN DIABETES	50,000
1R43 DK41597-01			
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SAN DIEGO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY	NEEL, JAMES W	SMALL INSTRUMENTATION PROGRAM	16,817
1S15 GM43385-01	SALLIS, JAMES F	SPORTS, PLAY AND ACTIVE RECREATION FOR KIDS	495,955
1R01 HL44467-01	SCUTCHFIELD, F DOUGLAS	SMALL INSTRUMENTATION PROGRAM	6,771
1S15 CA51281-01			
INSTITUTION TOTAL	3	519,543	
CITY TOTAL			
CORVAS, INC.			
1R43 HL42695-01	SOULE, HOWARD R	THERAPEUTIC ANTI-THROMBOTIC MONOCLONAL ANTIBODIES	50,000
INSTITUTION TOTAL	1	50,000	



NTH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN DIEGO GEN-PROBE, INC. 1R43 CA49321-01	BHATT, RAM S	SYNTHESIS OF POTENTIAL ANTIVIRAL AND ANTITUMOR AGENTS	49,834
INSTITUTION TOTAL	1		49,834
TELIOS PHARMACEUTICALS, INC. 1R43 GM42278-01	POŁAREK, JAMES W	DEVELOPMENT OF AN ARG-GLY-ASP-BASED WOUND HEALING AGENT	50,000
INSTITUTION TOTAL	1		50,000
UNITED STATES INTERNATIONAL UNIVERSITY 1R29 DK41969-01	HANSON, CINDY L	CARDIOVASCULAR AND METABOLIC HEALTH IN HIGH RISK YOUTH	87,967
INSTITUTION TOTAL	1		87,967
UNIVERSITY OF SAN DIEGO 1R01 NR01931-01A1	QUAYHAGEN, MARY P	COGNITIVE STIMULATION TRAINING IN ALZHEIMERS FAMILIES	110,409
INSTITUTION TOTAL	1		110,409
CITY TOTAL	8		867,753
SAN FRANCISCO ERNEST GALLO CLINIC AND RESEARCH CENTER 1R01 HL43380-01	MOCHLY-ROSEN, DARIA D M	ROLES OF PROTEIN KINASE C IN CARDIAC MYOCYTES	119,131
INSTITUTION TOTAL	1		119,131
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO 1R29 GM43299-01	SHINE, NANCY	ANALYSIS OF LECTIN-CARBOHYDRATE INTERACTIONS USING NMR	112,816
INSTITUTION TOTAL	1		112,816
SAM TECHNOLOGY, INC. 1R43 NS27392-01	GEVINS, ALAN S	NEURO-STATION--NEUROELECTRIC RESEARCH WORKSTATION	49,997
INSTITUTION TOTAL	1		49,997
SMITH-KETLEWELL EYE RESEARCH FOUNDATION 1S15 EY08450-01	TYLER, CHRISTOPHER W	SMALL INSTRUMENTATION PROGRAM	16,113
INSTITUTION TOTAL	1		16,113



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

CALIFORNIA

SAN JOSE  
INSTITUTE FOR MEDICAL RESEARCH OF SANTA CLARA COUNTY  
1R01 CA49423-01 LEAVITT, JOHN C

ROLE OF METASCHEMATIN PROTEINS IN NEOPLASIA

69,415

INSTITUTION TOTAL 1 69,415  
CITY TOTAL 2 173,562

SANTA BARBARA  
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA  
1S15 EY08434-01 ORIAS, EDUARDO

SMALL INSTRUMENTATION PROGRAM

25,743

INSTITUTION TOTAL 1 25,743  
CITY TOTAL 1 25,743

SANTA CLARA  
LITMUS CONCEPTS, INC.  
1R43 AI28148-01 LAWRENCE, PAUL J

METABOLIC SCREENING PANEL FOR INFECTIOUS VAGINITIS

42,198

INSTITUTION TOTAL 1 42,198

SCHONBERG RADIATION CORPORATION  
1R43 NS27782-01 SCHONBERG, RUSSELL G

COMPUTER MEDIATED STEREOTAXIC RADIOSURGERY

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 2 92,198

SANTA CRUZ  
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ  
1S15 GM43441-01 NOLLER, HARRY F, JR

SMALL INSTRUMENTATION PROGRAM

21,533

INSTITUTION TOTAL 1 21,533  
CITY TOTAL 1 21,533

SANTA MONICA  
RAND CORPORATION  
1R01 HD24897-01A1

HIV INFECTION AND RISK BEHAVIORS IN PROSTITUTES

615,134

INSTITUTION TOTAL 1 615,134  
CITY TOTAL 1 615,134



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>CALIFORNIA</b>			
SANTA ROSA			
SERES LABORATORIES, INC.			
1R43 AI28126-01	STEARNS, JAY F	ANTI-FUSOGENIC ANTIVIRALS: DESIGN AND TESTING	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
<b>SOUTH SAN FRANCISCO</b>			
ATHENA NEUROSCIENCES, INC.			
1R43 CA49330-01A1	JOHN, VARGHESE	SYNTHESIS AND EVALUATION OF AGENTS FOR BRAIN NEOPLASMS	50,000
1R43 AG08406-01	SCHENK, DALE B	CHARACTERIZATION-AMYLOID PRECURSOR FRAGMENTS IN PLASMA	50,000
INSTITUTION TOTAL	2		100,000
<b>COR THERAPEUTICS, INC.</b>			
1R43 HL42730-01	PHILLIPS, DAVID R	DEVELOPMENT OF ANTITHROMBOTIC AGENTS	50,000
INSTITUTION TOTAL	1		50,000
<b>GENOMYX, INC.</b>			
1R01 GM42696-01	BRENNAN, THOMAS M	NEW METHODS TO SEQUENCE DNA BY MASS SPECTROMETRY	299,500
INSTITUTION TOTAL	1		299,500
CITY TOTAL	4		449,500
<b>STANFORD</b>			
STANFORD UNIVERSITY			
1P01 CA49605-01	BLUME, KARL G	BONE MARROW GRAFTING FOR LEUKEMIA AND LYMPHOMA	1,526,608
1R01 GM42930-01	COHEN, STANLEY N	NOVEL APPROACHES FOR GENOMIC DNA CLONING AND ANALYSIS	540,177
1R13 HD26014-01	FERGUSON, CHARLES A	INTERNATIONAL CONFERENCE ON PHONOLOGICAL DEVELOPMENT	22,190
1R01 GM42350-01	FRANCKE, UTA	A PHYSICAL MAP OF HUMAN CHROMOSOME 18	363,430
1S15 AI29022-01	KORN, DAVID	SMALL INSTRUMENTATION PROGRAM	88,879
1R01 HL42943-01	LEUNG, LAWRENCE L	MOLECULAR AND CELLULAR BIOLOGY OF GLYCOPROTEIN IIIB	211,982
1R01 GM41455-01A1	LEVITY, MICHAEL	SIMULATION OF PROTEIN DYNAMICS AND UNFOLDING IN SOLUTION	199,932
1R01 GM42612-01	MACDONALD, PAUL M	MOLECULAR BIOLOGY OF MORPHOGEN LOCALIZATION IN EMBRYOS	177,688
1R01 DK41765-01	ROTH, RICHARD A	SUBSTRATES FOR THE INSULIN RECEPTOR TYROSINE KINASE	222,237
1R01 GM42376-01	SCHWARZ, THOMAS L	LOCALIZATION AND STRUCTURE OF A CLONED K+ CHANNEL	224,280
1R01 AI26322-01A1	UMETSU, DALE T	HETEROGENEITY AMONG HUMAN CD4+T CELL CLONES	180,021
INSTITUTION TOTAL	11		3,757,424
CITY TOTAL	11		3,757,424

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SUNNYVALE			
RASOR ASSOCIATES			
1R43 HL42192-01	ROBINSON, THOMAS C	NONINVASIVE BLOOD-GAS MONITOR FOR INFANTS TO ADULTS	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R01 DK40919-01A1	MAYER, EMERAN A	MEMBRANE EVENTS: ACTIVATING LONGITUDINAL COLONIC MUSCLE	151,877
INSTITUTION TOTAL	1		151,877
CITY TOTAL	1		151,877
STATE TOTAL	192		29,038,073
COLORADO			
BOULDER			
SPIDERWORT DESIGN			
1R43 HD22313-01A1	ELLIS, DONALD G	MEASUREMENT OF VELOCITY AND FLOW IN THE UTERINE ARTERIES	47,175
INSTITUTION TOTAL	1		47,175
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1S15 AG08789-01	BREED, MICHAEL D	SMALL INSTRUMENTATION PROGRAM	54,102
INSTITUTION TOTAL	1		54,102
CITY TOTAL	2		101,277
DENVER			
ELEANOR ROOSEVELT INSTITUTE FOR CANCER RESEARCH			
1R01 DK40804-01A1	SINENSKY, MICHAEL S	BIOCHEMICAL GENETICS OF CELLULAR CHOLESTEROL METABOLISM	250,551
INSTITUTION TOTAL	1		250,551
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE			
1R01 AI26490-01A1	GELFAND, ERWIN W	IONIC, BIOCHEMICAL, GENETIC BASIS FOR CYCLOSPORIN ACTIVITY	146,659
INSTITUTION TOTAL	1		146,659
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1R25 CA49981-01	BAKEMEIER, RICHARD F	CANCER EDUCATION PROGRAM	19,980

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

## COLORADO

## DENVER

UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO

HEALTH SCIENCES CENTER

MICROSCOPE/IMAGE PROCESSING SYSTEM

MOLECULAR REGULATION OF INTERMEDIATE FILAMENT STRUCTURE

EXPRESSION OF CYSTATHIONINE SYNTHASE AND HUMAN DISEASE

RURAL HOME CARE FOR OLDER ADULTS: PATTERN AND PROCESS

BIOCHEMISTRY OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 7 843,949

## UNIVERSITY OF DENVER

1R29 HD26087-01 LINK, CHRISTOPHER D

GENETIC ANALYSIS OF BURSAL MORPHOGENESIS IN C. ELEGANS

INSTITUTION TOTAL 1 92,627

## URBAN INSTITUTE

1S15 AG08782-01

BEAN, FRANK D

SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 1 6,149  
CITY TOTAL 11 1,339,935

6,149

## FORT COLLINS

COLORADO STATE UNIVERSITY

1S15 GM43398-01 BAMBURG, JAMES R

1S15 AI29049-01 BEATY, BARRY J

1R01 CA49501-01 BEDFORD, JOEL S

1R01 GM42652-01 CHAUDHARI, NIRUPA

1R24 RR05241-01 MAUL, DONALD H

1R01 CA47409-01A1 MORITA, MICHIO

1P41 GM41179-01 SCHENCK, CRAIG C

1R01 GM40988-01A1 WILLIAMS, ROBERT M

INSTITUTION TOTAL 8 882,255  
CITY TOTAL 8 882,255

SMALL INSTRUMENTATION PROGRAM

SMALL INSTRUMENTATION PROGRAM

RADIATION CYTOGENETICS

PHYSIOLOGY OF CALCIUM CHANNEL GENES

REMODELING AN ANIMAL FACILITY IN SURGICAL METABOLIC LAB

TRANSFORMATION AND TUMOR REGRESSION--STEM CELL MODEL

DNA SYNTHESIS FACILITY

ASYMMETRIC SYNTHESIS OF ALPHA-AMINO ACIDS

26,581

34,373

199,571

118,819

260,818

85,662

55,803

100,628

## LAKEWOOD

AMC CANCER RESEARCH CENTER

1S15 CA51291-01 FURMANSKI, PHILIP

INSTITUTION TOTAL 1 5,000  
CITY TOTAL 1 5,000

STATE TOTAL 22 2,328,467

SMALL INSTRUMENTATION PROGRAM

5,000



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1R29 DK42026-01	ASCENSAO, JOAO L	ROLE OF ENDOTHELIAL CELLS IN BLOOD PRODUCTION	91,991
1S15 AR40216-01	KENNEDY, JAMES E	SMALL INSTRUMENTATION PROGRAM	30,108
1R29 HL42454-01	OROURKE, FLAVIA A	PURIFICATION & PROPERTIES OF IP3 RECEPTOR IN PLATELETS	104,389
1S15 AI29023-01	PAPLAUSKAS, LEONARD P	SMALL INSTRUMENTATION PROGRAM	68,498
INSTITUTION TOTAL	4		
CITY TOTAL	4		294,986
			294,986
MIDDLETOWN			
WESLEYAN UNIVERSITY			
1S15 GM43421-01	PRINGLE, WALLACE C	SMALL INSTRUMENTATION PROGRAM	8,638
1R29 GM42752-01	WEIR, MICHAEL P	DEVELOPMENTAL STUDIES OF SEGMENTATION GENE FUNCTION	116,451
INSTITUTION TOTAL	2		
CITY TOTAL	2		125,089
			125,089
NEW HAVEN			
YALE UNIVERSITY			
1R01 GM42490-01	AMARA, SUSAN G	ALTERNATIVE RNA PROCESSING IN THE NERVOUS SYSTEM	150,627
1R01 DK41371-01	BARBER, DIANE L	MECHANISMS REGULATING INTESTINAL NEUROTENSIN EXPRESSION	115,076
1R01 GM42387-01	BIGGIN, MARK D	TRANSCRIPTION OF GENES CONTROLLING DEVELOPMENT	172,649
1R01 GM40924-01A1	BOTHWELL, ALFRED L M	CHARACTERIZATION OF THE LY6 MULTIGENE FAMILY	156,903
1S10 RR04797-01	BOYER, JAMES L	BIO-RAD LASERSHARP SCANNING CONFOCAL IMAGING SYSTEM	156,000
1R01 GM42136-01	CAPLAN, MICHAEL J	ION PUMPS IN POLARIZED EPITHELIA: SORTING AND FUNCTION	209,753
1S15 CA51322-01	FORGET, BERNARD G	SMALL INSTRUMENTATION PROGRAM	95,223
1R01 AR40073-01	HOROWITZ, MARK C	MECHANISMS OF OSTEOBLAST ACTIVATION AND REGULATION	163,355
1R01 AR39869-01	LERNER, AARON B	VITILIGO, MELANOMAS AND ALBINISM	180,240
1R03 CA50287-01	MAKUCH, ROBERT W	ANALYSIS OF REPEATED T4 DATA TO PREDICT KS	41,871
1R01 NS27116-01	MENT, LAURA R	RANDOMIZED INDOMETHACIN GMH/IVH PREVENTION TRIAL	1,006,908
1R01 DK38063-01A3	MODLIN, IRVIN M	SECRETAGOGUE REGULATION IN PARIENTAL CELLS	1,006,908
1R29 GM42673-01	MOYER, MARY S	ONTOGENY OF INTESTINAL AND PLACENTAL TAURINE TRANSPORT	105,840
1S10 RR04813-01	NATH, RAVINDER	CESIUM-137 LABORATORY IRRADIATOR FOR BIOLOGICAL RESEARCH	165,000
1R01 AI28308-01	SHAPIRO, EUGENE D	THE EFFICACY OF CONJUGATE VACCINES AGAINST H INFLUENZA	169,172
1S10 RR04709-01	SHULMAN, ROBERT G	7 T NMR SYSTEM FOR IN VIVO METABOLIC STUDIES	400,000
1S10 RR04716-01	SMITH, STEVEN O	SOLID-STATE NMR SPECTROMETER FOR BIOLOGICAL STUDIES	400,000
1S15 AI29048-01	STOLWIJK, JAN A	SMALL INSTRUMENTATION PROGRAM	31,264
1R01 AG07449-01A2	TINETTI, MARY E	INJURY AND FUNCTIONAL DECLINE IN ELDERLY FALLERS	361,346
1R01 DK41230-01	ZAWALICH, WALTER S	PHOSPHOINOSITIDE HYDROLYSIS & BETA CELL SECRETION	181,778

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

SMALL INSTRUMENTATION PROGRAM

27,229

GRANT NUMBER PRINCIPAL INVESTIGATOR

CONNECTICUT

STORRS

UNIVERSITY OF CONNECTICUT STORRS

1S15 AI29024-01 GIOLAS, THOMAS G

INSTITUTION TOTAL 1 27,229

CITY TOTAL 1 27,229

STATE TOTAL 27 4,883,109

DELAWARE

WILMINGTON

E. I. DU PONT DE NEMOURS AND COMPANY

1R01 GM42952-01 STERNBERG, NAT L

INSTITUTION TOTAL 1 148,242

CITY TOTAL 1 148,242

STATE TOTAL 1 148,242

BACTERIOPHAGE P1 CLONING SYSTEM FOR HIGH MOLECULAR WEIGH 148,242

DIST OF COL

WASHINGTON

AMERICAN NATIONAL RED CROSS

1S15 HL43984-01 HOYER LEON W

1R01 AG07450-01A2 MACIAG, THOMAS

1R01 GM42581-01 STRICKLAND, DUDLEY K

INSTITUTION TOTAL 3 287,996

SMALL INSTRUMENTATION PROGRAM

HUMAN ENDOTHELIAL CELL SENESENCE GENES

STRUCTURE AND FUNCTION OF THE A2-MACROGLOBULIN RECEPTOR

11,880

109,980

166,136

CARNEGIE INSTITUTION OF WASHINGTON, D. C.

1S15 GM43420-01 BROWN, DONALD D

1S10 RR04958-01 GALL, JOSEPH G

1R29 GM42609-01 HOFFMAN, NEIL F

INSTITUTION TOTAL 3 348,242

SMALL INSTRUMENTATION PROGRAM

CONFOCAL LASER SCANNING MICROSCOPE

STUDIES ON THE ASSEMBLY OF CAB POLYPEPTIDES

16,433

240,000

91,809

CATHOLIC UNIVERSITY OF AMERICA

1R15 DK41425-01 BREWER, GREGORY A

INSTITUTION TOTAL 1 95,760

BINUCLEAR COMPLEXES OF IRON PORPHYRINS

95,760

GEORGE WASHINGTON UNIVERSITY

1S15 CA51253-01 HU, VALERIA W

INSTITUTION TOTAL 1 50,935

SMALL INSTRUMENTATION PROGRAM

50,935

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

DIST OF COL  
WASHINGTON

GEORGETOWN UNIVERSITY

1S10 RR04914-01

1R01 AI26899-01A1

1R01 CA50182-01

1R29 CA49858-01

DYM, MARTIN

HURLEY, CAROLYN K

JENSON, A BENNETT

NOTARIO-RUIZ, VICENTE

INSTITUTION TOTAL

4

568,567

NATIONAL BIOMEDICAL RESEARCH FOUNDATION

1S15 GM43399-01

LEDLEY, ROBERT S

INSTITUTION TOTAL

1

6,600

URBAN INSTITUTE

1R01 AG08651-01

WOLF, DOUGLAS A

INSTITUTION TOTAL

1

93,672

CITY TOTAL

14

1,451,772

STATE TOTAL

14

1,451,772

FLORIDA

ALACHUA

PHARMATEC, INC.

1R43 AI27588-01

BREWSTER, MARCUS E

INSTITUTION TOTAL

1

50,000

CITY TOTAL

1

50,000

CORAL GABLES

UNIVERSITY OF MIAMI

1S15 GM43417-01

1S10 RR04680-01

ECHEGOYEN, LUIS A

GAWLEY, ROBERT E

INSTITUTION TOTAL

2

127,522

CITY TOTAL

2

127,522

GAINESVILLE

STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA

1R01 HL42817-01

BERGERON, RAYMOND J

DEVELOPMENT OF ORALLY EFFECTIVE IRON CHELATORS

97,244

181,000

166,359

131,323

89,885

6,600

93,672

50,000

12,522

115,000



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>FLORIDA</b>			
<b>GAINESVILLE</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1S15 AI29053-01	DANKERT, JOHN R	SMALL INSTRUMENTATION PROGRAM	16,325
1R01 AI28571-01	DUNN, BEN M	HUMAN IMMUNODEFICIENCY VIRUS PROTEINASE	135,854
1R01 HL41898-01	LOTTENBERG, RICHARD	CHARACTERIZATION OF THE STREPTOCOCCAL PLASMIN RECEPTOR	151,271
1S10 RR05011-01	MCARTHUR, WILLIAM P	FLOW CYTOMETER	114,000
1S15 AG08781-01	PERRY, NATHAN W, JR	SMALL INSTRUMENTATION PROGRAM	4,858
INSTITUTION TOTAL	6	519,552	
CITY TOTAL	6	519,552	
<b>MIAMI</b>			
IVAX PHARMACEUTICALS			
1R43 AI28124-01	HAHN, ELLIOT F	NUCLEOTIDE DIMERS AS ANTI-HIV AGENTS	49,535
INSTITUTION TOTAL	1	49,535	
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA INTERNATIONAL UNIVERSITY			
1S15 EY08458-01	BONE, RICHARD A	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1	5,000	
<b>UNIVERSITY OF MIAMI</b>			
1S15 RR40208-01	FOGEL, BERNARD J	SMALL INSTRUMENTATION PROGRAM	70,822
1M01 RR05280-01	FOGEL, BERNARD J	GENERAL CLINICAL RESEARCH CENTER	315,642
1R01 HL38228-01A2	HAYNES, DUNCAN H	CALCIUM MOVEMENTS IN PLATLET ACTIVATION	125,598
1R01 HD25493-01	KASAHARA, MASANORI	MALE GERM CELL-AFFECTING GENES ON MOUSE CHROMOSOME 17	134,795
1R29 EY08122-01	KSANDER, BRUCE R	CELL-MEDIATED IMMUNE RESPONSE TO INTRAOCULAR TUMORS	100,267
INSTITUTION TOTAL	5	747,124	
CITY TOTAL	7	801,659	
<b>SAINT PETERSBURG</b>			
TAMPA BAY RESEARCH			
1S15 AI29017-01	NONOYAMA, MEIHAN	SMALL INSTRUMENTATION PROGRAM	12,085
1R01 CA50523-01	TANAKA, AKIKO	MAREK'S DISEASE VIRUS: ANALYSIS OF LATENT GENES	167,551
INSTITUTION TOTAL	2	179,636	
CITY TOTAL	2	179,636	
<b>TALLAHASSEE</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1R01 DE09122-01	VAN WART, HAROLD E	INHIBITION OF EXTRACELLULAR MATRIX METALLOPROTEINASES	278,325

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>FLORIDA</b>			
<b>TALLAHASSEE</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1R01 EY07753-01A1	WILLIAMS, THEODORE P	REGULATION OF DAILY PHOTON-CATCH	109,320
INSTITUTION TOTAL	2	387,645	
CITY TOTAL	2	387,645	
<b>TAMPA</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1S15 AR40203-01	EDWARDS, CHARLES	SMALL INSTRUMENTATION PROGRAM	30,088
1S15 AG08785-01	LEVIN, PETER J	SMALL INSTRUMENTATION PROGRAM	4,730
INSTITUTION TOTAL	2	34,818	
CITY TOTAL	2	34,818	
STATE TOTAL	22	2,100,832	
<b>GEORGIA</b>			
<b>ATHENS</b>			
ELA TECHNOLOGIES, INC.			
1R43 GM43025-01	SMITH, DAVID F	GLYCOSYLTRANSFERASE LUMINESCENCE ASSAY: A NEW TECHNOLOGY	50,000
INSTITUTION TOTAL	1	50,000	
<b>UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA</b>			
1S15 GM43450-01	MORIARTY, C MICHAEL	SMALL INSTRUMENTATION PROGRAM	46,972
1R01 GM42924-01	TIMBERLAKE, WILLIAM E	IN VITRO RECONSTRUCTION OF FUNGAL CHROMOSOMES	154,868
INSTITUTION TOTAL	2	201,840	
CITY TOTAL	3	251,840	
<b>ATLANTA</b>			
BIOMEDICAL DESIGN, INC.			
1R43 HL42748-01	GIRARDOT, JEAN-MARIE D	PREVENTION OF CALCIFICATION OF CARDIOVASCULAR PROSTHESES	44,162
INSTITUTION TOTAL	1	44,162	
<b>EMORY UNIVERSITY</b>			
1R01 CA47953-01A1	BOSS, JEREMY M	CLONING OF TUMOR NECROSIS FACTOR INDUCED GENES	124,378
1R01 HL43035-01	COLLINS, DELWOOD C	ANTIANGIOGENIC ACTIVITY OF STEROIDS & STEROID CONJUGATES	167,904
1R15 NR02112-01	DUNBAR, SANDRA B	CARDIOVASCULAR CIRCADIAN PATTERNS IN THE ELDERLY	112,535

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>GEORGIA</b>			
<b>ATLANTA</b>			
EMORY UNIVERSITY			
1R13 RR05102-01	GOULD, KENNETH G	FERTILITY IN THE GREAT APES: A MEETING	15,000
1S15 AI29063-01	HOUP, JEFFREY L	SMALL INSTRUMENTATION PROGRAM	73,865
1R01 AI28731-01	LIOTTA, DENNIS C	NON-CARBOHYDRATE APPROACHES TO ANTI-AIDS NUCLEOSIDES	130,695
1S10 RR04948-01	MARZILLI, LUIGI G	MOLECULAR SPECTROSCOPY INSTRUMENTATION	309,000
1R01 HL44307-01	RUNGE, MARSCHALL S	STRUCTURE DETERMINES PLASMINOGEN ACTIVATOR FUNCTION	130,624
1S15 GM43448-01	STEVENS, ANN R	SMALL INSTRUMENTATION PROGRAM	29,098
<b>INSTITUTION TOTAL</b> 9 1,093,099			
<b>MOREHOUSE SCHOOL OF MEDICINE</b>			
1R22 AI27189-01A1	NAVALKAR, RAMCHANDRA G	REACTIVITY OF MOLECULARLY DEFINED MYCOBACTERIAL ANTIGENS	117,546
<b>INSTITUTION TOTAL</b> 1 117,546			
<b>UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY</b>			
1R13 AI29291-01	BRINTON, MARGO A	POSITIVE-STRAND RNA VIRUSES	7,000
1R01 DK39881-01A2	DE CASTRO, JOHN M	INFLUENCE OF HEREDITY ON MEAL PATTERNS IN HUMANS	105,067
<b>INSTITUTION TOTAL</b> 2 112,067			
<b>CITY TOTAL</b> 13 1,366,874			
<b>AUGUSTA</b>			
<b>UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA</b>			
1R03 DE08953-01	ERBLAND, JOHN F	LYSOPHOSPHOLIPID INACTIVATION OF HERPES SIMPLEX VIRUS-1	20,948
1R29 HL43242-01	IKEDA, STEPHEN R	NEURONAL CALCIUM CURRENT ALTERATIONS IN HYPERTENSION	107,269
1R29 DE08586-01A1	STEFLIK, DAVID E	COMPARATIVE EXPERIMENTAL EVALUATIONS OF DENTAL IMPLANTS	107,331
<b>INSTITUTION TOTAL</b> 3 235,548			
<b>CITY TOTAL</b> 3 235,548			
<b>STATE TOTAL</b> 19 1,854,262			
<b>HAWAII</b>			
<b>HONOLULU</b>			
<b>UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA</b>			
1R29 AI27130-01A1	CHANG, SANDRA P	B CELL & T CELL RECOGNITION SITES OF P FALCIPARUM GP195	93,192
1S15 CA51369-01	KANE, ROBERT E	SMALL INSTRUMENTATION PROGRAM	30,982
<b>INSTITUTION TOTAL</b> 2 124,174			
<b>CITY TOTAL</b> 2 124,174			
<b>STATE TOTAL</b> 2 124,174			



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>ILLINOIS CHAMPAIGN</b>			
<b>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</b>			
1S15 GM43392-01	FRIEDMAN, STANLEY	SMALL INSTRUMENTATION PROGRAM	69,578
1R29 ES05214-01	HESS, REX A	MECHANISMS OF PESTICIDE-INDUCED TESTICULAR ATROPHY	125,449
1S10 RR04829-01	JONAS, ANA	SPECTROPOLARIMETER--JASCO MODEL J-600	87,000
1R01 GM42452-01	JONAS, JIRI	HIGH PRESSURE NMR STUDIES OF PROTEINS AND MEMBRANES	166,472
1S10 RR04648-01	JONAS, JIRI	GAS & LIQUID CHROMATOGRAPHY/MASS SPECTROMETRY SYSTEM	400,000
1S15 GM43410-01	SWARTZ, HAROLD M	SMALL INSTRUMENTATION PROGRAM	17,615
1S15 AI29012-01	TUMBLESON, M E	SMALL INSTRUMENTATION PROGRAM	12,955
1R01 DK41215-01	WALLIG, MATTHEW A	CYANOHYDROXYBUTENE TOXICITY AND GLUTATHIONE	70,162
1R01 NS25888-01A1	YAIRI, EHUD	DEVELOPMENTAL TRENDS OF EARLY CHILDHOOD STUTTERING	118,777
INSTITUTION TOTAL	9		
CITY TOTAL	9		
	1,068,007		
	1,068,007		
<b>CHICAGO</b>			
<b>AMERICAN DENTAL ASSOCIATION HEALTH FOUNDATION</b>			
1R01 DE08916-01	TUNG, MING S	THREE APPROACHES TO RAPID REMINERALIZATION OF THE TOOTH	56,904
INSTITUTION TOTAL	1		
	56,904		
<b>CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE</b>			
1R15 DK41477-01	BURDICK, JOHN R	OBESITY/DIABETES-INDUCED ALTERATION OF IMMUNE FUNCTION	95,168
1R15 DK41451-01	KOPP, STEPHEN J	METABOLIC ACTIONS OF VANADIUM IN DIABETES AND OBESITY	94,206
INSTITUTION TOTAL	2		
	189,374		
<b>IIT RESEARCH INSTITUTE</b>			
1S15 CA51265-01	FENTERS, JAMES D	SMALL INSTRUMENTATION PROGRAM	7,473
INSTITUTION TOTAL	1		
	7,473		
<b>ILLINOIS CANCER COUNCIL</b>			
1S15 CA51342-01	LANSKY, SHIRLEY B	SMALL INSTRUMENTATION PROGRAM	15,465
INSTITUTION TOTAL	1		
	15,465		
<b>ILLINOIS INSTITUTE OF TECHNOLOGY</b>			
1R29 HL39856-01A1	BEISSINGER, RICHARD L	AUGMENTED PROTEIN TRANSPORT IN SHEARED SUSPENSIONS	93,921
1S15 GM43390-01	TROYK, PHILIP	SMALL INSTRUMENTATION PROGRAM	9,283
INSTITUTION TOTAL	2		
	103,204		

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
ILLINOIS			
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
1R01 HL43557-01	EGHBALI, MAHBOUBEH	MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM	108,668
1S15 AI29062-01	SANDLOW, LESLIE	SMALL INSTRUMENTATION PROGRAM	14,282

INSTITUTION TOTAL	2	122,950
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NORTHWESTERN UNIVERSITY			
1R29 AI27195-01A1	SEIFERT, H STEVEN	REGULATION OF PILIN EXPRESSION	82,372

INSTITUTION TOTAL	1	82,372
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RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1R01 AG08794-01	DETOLEDO-MORRELL, LEYLA	SYNAPTIC SUBSTRATES OF AGE-RELATED MEMORY DYSFUNCTION	148,382
1S15 AI29020-01	FRIED, WALTER	SMALL INSTRUMENTATION PROGRAM	37,788
1R01 AR39310-01A1	GALANTE, JORGE O	SYSTEMIC IMPLICATIONS OF TOTAL JOINT REPLACEMENT	185,759
1R13 AR39997-01	GOTTLIEB, GERALD L	CONFERENCE ON BIOMECHANICS & NEURAL CONTROL MOVEMENT	10,000
1R29 AR39827-01	SUMNER, DALE R	BONE INGROWTH/REMODELING IN CEMENTLESS KNEE ARTHROPLASTY	86,324

INSTITUTION TOTAL	5	468,253
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UNIVERSITY OF CHICAGO			
1R01 GM41043-01A1	BOSNICH, BRICE	METAL CATALYSED ASYMMETRIC DIELS-ALDER REACTIONS	167,287
1R01 DK39573-01A2	BRASITUS, THOMAS A	RAT INTESTINAL MEMBRANES: VITAMIN D-MEDIATED EFFECTS	211,253
1S15 AG08788-01	LAUMANN, EDWARD O	SMALL INSTRUMENTATION PROGRAM	62,736
1R01 GM42715-01	PALFREY, HUGH C	CELL PHYSIOLOGY OF CALCIUM EFFECTS ON PROTEIN SYNTHESIS	152,490
1R01 HL43344-01	SCANU, ANGELO M	PROTHROMBOTIC EFFECTS IN LIPOPROTEIN-A	377,390
1R01 DK41814-01	VAN CAUTER, EVE	SLEEP & CIRCADIAN RHYTHMICITY IN GLUCOSE REGULATION	219,206

INSTITUTION TOTAL	6	1,190,362
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UNIVERSITY OF ILLINOIS AT CHICAGO			
1R13 AI28491-01	CHAKRABARTY, ANANDA M	PSEUDOMONAS-89 ROLE PATHOGENICITY BIOTRANSFORMATION & B	6,000
1S10 RR04903-01	DAVIDSON, RICHARD L	AUTOMATED DNA SEQUENCER	102,000
1S10 RR04884-01	ELBER, RON	TWO TITAN WORKSTATIONS	133,000
1S15 CA51331-01	PEZZUTO, JOHN MICHAEL	SMALL INSTRUMENTATION PROGRAM	5,402
1R29 DK41431-01	SKIDGEL, RANDAL A	STRUCTURE AND FUNCTION OF CARBOXYPEPTIDASE M	93,189
1R01 CA49569-01	YU, ELENA S H	DEVELOPMENTAL RESEARCH IN CANCER CONTROL--ASIAN AMERICAN	71,786
1S15 CA51268-01	YU, FU-LI	SMALL INSTRUMENTATION PROGRAM	5,000

INSTITUTION TOTAL	7	416,377
CITY TOTAL	28	2,652,734

NTH  
RESEARCH GRANTSDOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

ILLINOIS DE KALB NORTHERN ILLINOIS UNIVERSITY 1R15 HD25684-01 CONWAY, SONYA B 1S15 CA51251-01 KRESHECK, GORDON C 1R15 NS27189-01 SCHWARTZ, HOWARD D	ROLE OF SOMATOMEDINS IN MEDIATING ETHANOL-INDUCED GROWTH SMALL INSTRUMENTATION PROGRAM EXAMINING HEART RATES DURING STUTTERING	INSTITUTION TOTAL 3 190,102 CITY TOTAL 3 190,102	91,361 5,762 92,979
ELMHURST E. J. MC GOWAN AND ASSOCIATES, INC. 1R43 AG07522-01A1 MC GOWAN, EDWARD J	BIOFEEDBACK SYSTEM FOR URINARY & FECAL INCONTINENCE	INSTITUTION TOTAL 1 50,000 CITY TOTAL 1 50,000	50,000
EVANSTON EVANSTON HOSPITAL 1S10 RR05014-01 GROOTHUIS, DENNIS R	COMPUTED TOMOGRAPHIC SYSTEM FOR NEUROLOGIC RESEARCH	INSTITUTION TOTAL 1 135,000	135,000
NORTHWESTERN UNIVERSITY 1S10 RR04936-01 HOFFMAN, BRIAN M 1R29 GM42465-01 WU, BARBARA	EPR/ENDOR SPECTROMETER ANALYSES OF ELA DEPENDENT TRANSCRIPTIONAL STIMULATION	INSTITUTION TOTAL 2 470,085 CITY TOTAL 3 605,085	400,000 70,085
MAYWOOD LOYOLA UNIVERSITY MEDICAL CENTER 1R01 CA47929-01A1 ERICKSON, LEONARD C 1R01 HL43582-01 SAMAREL, ALLEN M	INTERACTION OF ANTITUMOR AGENTS WITH ACTIVATED ONCOGENES MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM	INSTITUTION TOTAL 2 234,483 CITY TOTAL 2 234,483	132,767 101,716
NAPERVILLE TRANSDUCER RESEARCH, INC. 1R43 ES05156-01 STETTER, JOSEPH R	DEVELOPMENT OF INSTRUMENTS TO MEASURE HUMAN EXPOSURE	INSTITUTION TOTAL 1 50,000	50,000



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	50,000	
ILLINOIS			
NORMAL			
ILLINOIS STATE UNIVERSITY			
1S15 AG08783-01	CHEUNG, H TAK	SMALL INSTRUMENTATION PROGRAM	4,730
1R15 AI28041-01	HUIZINGA, HARRY W	THERMAL ECOLOGY OF NAEGLERIA FOWLERI	84,443
INSTITUTION TOTAL	2	89,173	
CITY TOTAL	2	89,173	
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1R03 DE08887-01A1	ACHAR, SRINIVASA B	ENTAMOEBE GINGIVALIS ISOENZYMES IN PERIODONTAL DISEASE	21,660
INSTITUTION TOTAL	1	21,660	
CITY TOTAL	1	21,660	
SPRINGFIELD			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE			
1S15 HL44021-01	KABISCH, WILLIAM T	SMALL INSTRUMENTATION PROGRAM	10,734
1R01 HD24450-01A1	PARR, EARL L	GRANULATED METRIAL GLAND CELLS--IDENTITY & FUNCTION	104,192
INSTITUTION TOTAL	2	114,926	
CITY TOTAL	2	114,926	
STATE TOTAL	52	5,076,170	
INDIANA			
ELKHART			
GDS TECHNOLOGY, INC.			
1R43 DK41601-01	DE CASTRO, AURORA F	SIMPLE BLOOD TEST OF D-3-HYDROXYBUTYRATE FOR DIABETICS	49,950
INSTITUTION TOTAL	1	49,950	
CITY TOTAL	1	49,950	
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1R01 AG08918-01	CHRISTIAN, JOE C	HUNTINGTON DISEASE: A NEUROLOGICAL MARKER OF AGING	265,829
1R01 GM43966-01	RAO, B D NAGESWARA	ACTIVE-SITE STRUCTURES OF ATP-UTILIZING ENZYMES	168,504

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>INDIANA</b>			
<b>INDIANAPOLIS</b>			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1S15 CA51309-01	STOOKEY, GEORGE K	SMALL INSTRUMENTATION PROGRAM	8,201
INSTITUTION TOTAL	3		
CITY TOTAL	3		
			442,534
			442,534
<b>TERRE HAUTE</b>			
<b>INDIANA STATE UNIVERSITY</b>			
1R15 DK41440-01	HUGHES, JAMES P	PHOSPHORYLATION OF LIPOCORTINS BY PROLACTIN AND IL-2	97,921
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			97,921
			97,921
<b>WEST LAFAYETTE</b>			
<b>ASH MEDICAL SYSTEMS, INC.</b>			
1R43 DK41603-01	ASH, STEPHEN R	MONITORING DRUG THERAPY THROUGH SMARTCHART	50,000
INSTITUTION TOTAL	1		
			50,000
<b>PURDUE UNIVERSITY WEST LAFAYETTE</b>			
1R01 AI28432-01	BROYLES, STEVEN S	VACCINIA VIRUS TRANSCRIPTION	123,579
1R29 DK39604-01A2	DI SILVESTRO, ROBERT A	MARGINAL COPPER INTAKE EFFECTS--SOD & LIPID PEROXIDATION	91,193
1S15 GM43401-01	ISOM, GARY E	SMALL INSTRUMENTATION PROGRAM	60,241
1R01 HD25518-01	KONIECZNY, STEPHEN F	REGULATORY ELEMENTS CONTROLLING TROPONIN I EXPRESSION	155,299
1R01 NS27041-01	SCHWARTZ, RICHARD G	INPUT-OUTPUT RELATIONSHIPS IN SPEECH-LANGUAGE IMPAIRMENT	83,187
INSTITUTION TOTAL	5		
CITY TOTAL	6		
			513,499
			563,499
STATE TOTAL	11		
			1,153,904
<b>IOWA</b>			
<b>AMES</b>			
<b>IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY</b>			
1R15 AI27900-01	ARP, LAWRENCE H	STRUCTURE & FUNCTION OF CONJUNCTIVAL LYMPHOID TISSUES	101,238
1R15 HL42567-01	DYER, DONALD C	FETAL AND MATERNAL VASCULAR SEROTONERGIC MECHANISMS	100,675
1R29 GM41023-01A1	HENDERSON, ERIC R	STRUCTURE & FUNCTION OF NON-WATSON-CRICK TELOMERIC DNA	87,976
1S15 AI29071-01	MINION, F CHRIS	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	4		
CITY TOTAL	4		
			294,889
			294,889

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>IOWA</b>			
FAIRFIELD			
MAHARISHI INTERNATIONAL UNIVERSITY			
1R15 HL40495-01A1	SCHNEIDER, ROBERT H	MODIFYING CARDIOVASCULAR REACTIVITY IN THE LAB & FIELD	117,726
INSTITUTION TOTAL	1		117,726
CITY TOTAL	1		117,726
<b>IOWA CITY</b>			
UNIVERSITY OF IOWA			
1R29 HL44275-01	BRITIGAN, BRADLEY E	MONOCYTE/MACROPHAGE FREE RADICAL BIOLOGY ASSESSED BY EPR	73,759
1R43 NS27377-01	BROWN, CAROLYN J	COMPUTER TRAINING FOR SPEECH PERCEPTION IN THE DEAF	50,000
1R29 GM40917-01A1	CHESTNUT, DAVID H	OBSTETRIC ANESTHESIA: TOCOLYSIS AND HEMORRHAGE	89,271
1S10 RR04972-01	CLAYCAMP, H GREGG	PHILLIPS MG450 X-RAY MACHINE	115,000
1S15 AI29055-01	ECKSTEIN, JOHN W	SMALL INSTRUMENTATION PROGRAM	76,818
1R29 HL41071-01A1	FISHER, RORY A	PLATELET ACTIVATING FACTOR AND THROMBOXANES IN LIVER	124,146
1R15 NR02139-01	HARDY, MARY A	NURSING INTERVENTION FOR SKIN DRYNESS IN THE ELDERLY	104,235
1R01 DE08540-01A1	KELLER, JOHN C	CELL RESPONSE TO MODIFIED TI SURFACES	151,749
1R13 NS26607-01	LIM, RAMON	INTERNATIONAL SYMPOSIUM ON DEVELOPMENTAL NEUROSCIENCE	9,500
1S10 RR04941-01	OVERLEY, LARRY W	ELECTRON SPIN RESONANCE SPECTROMETER	266,000
1R29 DE09083-01	RITTMAN, BARRY R	KINETICS OF LANGERHANS CELLS IN ORAL MUCOSA AND SKIN	87,774
1R29 AG08674-01	ROHRER, JAMES E	MENTAL ILLNESS AND OUTCOMES OF NURSING HOME CARE	125,100
1S15 HL43960-01	SPRIESTERBACH, D C	SMALL INSTRUMENTATION PROGRAM	33,378
1R01 NS27246-01	TOMBLIN, JAMES B	SPECIFIC LANGUAGE DISORDER--GENETICS AND EPIDEMIOLOGY	142,004
1S10 RR04881-01	WEILER, JOHN M	MODERNIZATION OF AMINO ACID ANALYZER	104,000
1S15 CA51275-01	WILEY, ROBERT A	SMALL INSTRUMENTATION PROGRAM	9,096
INSTITUTION TOTAL	16		1,561,830
CITY TOTAL	16		1,561,830
STATE TOTAL	21		1,974,445
<b>KANSAS</b>			
KANSAS CITY			
UNIVERSITY OF KANSAS			
1R29 HD26639-01	COLLEGE OF HEALTH SCIENCES AND HOSPITAL	SPERMATOGENESIS: A STUDY OF DYNAMIC ADHESION EVENTS	84,724
1S15 GM43414-01	ENDERS, GEORGE C	SMALL INSTRUMENTATION PROGRAM	12,671
1R01 NR02092-01	MERTES, MATHIAS P	NURSE MANAGERS, NURSE RETENTION, PATIENT OUTCOMES	454,546
INSTITUTION TOTAL	3		551,941
CITY TOTAL	3		551,941



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
<b>KANSAS</b>		
<b>LAWRENCE</b>		
UNIVERSITY OF KANSAS LAWRENCE		
1S15 AI29059-01	BEARSE, ROBERT C	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	1	26,036
CITY TOTAL	1	26,036

26,036

<b>MANHATTAN</b>		
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE		
1S15 EY08449-01	TAKEMOTO, DOLORES J	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	1	17,337
CITY TOTAL	1	17,337
STATE TOTAL	5	595,314

17,337

<b>KENTUCKY</b>		
<b>LEXINGTON</b>		
UNIVERSITY OF KENTUCKY		
1R29 GM42746-01	BIER, DONALD PAUL	INHERITANCE OF GENETIC MATERIAL IN PROKARYOTES
1S15 GM43504-01	JONES, DAVY	SMALL INSTRUMENTATION PROGRAM
1R01 AG07999-01	QUANDT, SARA A	NUTRITIONAL STRATEGIES & DIETARY STATUS OF RURAL ELDERLY
1R29 GM42476-01	RYMOND, BRIAN C	FUNCTION OF SRRNP PARTICLES IN PRE-MRNA SPLICING
1S15 GM43455-01	WILSON, EMERY A	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	5	332,001
CITY TOTAL	5	332,001

86,213  
22,310  
85,722  
90,968  
46,788

<b>LOUISVILLE</b>		
UNIVERSITY MEDICAL ASSOCIATES		
1R43 HL42728-01	HARRIS, EON N	ELISA KIT SPECIFIC FOR THE ANTI-PHOSPHOLIPID SYNDROME
INSTITUTION TOTAL	1	50,000

50,000

<b>UNIVERSITY OF LOUISVILLE</b>		
1R01 GM42454-01	MARTIN, NANCY C	MITOCHONDRIA SHARE ENZYMES WITH THE REST OF THE CELL
INSTITUTION TOTAL	1	175,447
CITY TOTAL	2	225,447
STATE TOTAL	7	557,448

175,447

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

## LOUISIANA

## BATON ROUGE

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE  
 1R15 AI28192-01 MALONE, JOHN B  
 1R01 CA49296-01A1 MONTELARO, RONALD C  
 1S10 RR04904-01 MORDEN, KATHLEEN M

101,333  
122,940  
400,000

INSTITUTION TOTAL 3 624,273  
 CITY TOTAL 3 624,273

## NEW ORLEANS

## ALTON OCHSNER MEDICAL FOUNDATION

1S15 CA51257-01 RE, RICHARD NOEL

5,126

## SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 1 5,126

## LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS

1R01 DK41868-01 HWANG, DANIEL H  
 1R01 EY08137-01 KHOUBEHI, BAHRAM  
 1S10 RR04710-01 THOMPSON, JAMES J

40,589  
89,644  
190,000

INSTITUTION TOTAL 3 320,233

## TULANE UNIVERSITY OF LOUISIANA

1R01 DK40202-01A1 BOWERS, CYRIL Y  
 1S15 CA51306-01 IDE, CHARLES F  
 1R01 DK41480-01 SHAH, SUDHIR V

312,116  
18,369  
102,361ISOLATION/IDENTIFICATION OF A NEW GH RELEASING PEPTIDE  
SMALL INSTRUMENTATION PROGRAM  
OXIDANT MECHANISMS IN MEMBRANOUS NEPHROPATHY

INSTITUTION TOTAL 3 432,846  
 CITY TOTAL 7 758,205

## SHREVEPORT

## SOUTHERN UNIVERSITY AGRICULTURAL AND MECHANICAL COLLEGE SHREVEPORT-BOSSIER CITY

## DEVELOPMENT OF MBRS PROGRAM FOR A TWO-YEAR COLLEGE

138,695

1S14 RR05364-01 WILMER, LEONARD

INSTITUTION TOTAL 1 138,695  
 CITY TOTAL 1 138,695

STATE TOTAL 11 1,521,173

## MAINE

## BAR HARBOR

## JACKSON LABORATORY

1S15 CA51301-01 BAILEY, DONALD W

## SMALL INSTRUMENTATION PROGRAM

48,049

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

## MAINE

BAR HARBOR  
JACKSON LABORATORY  
1P01 GM42970-01

NADEAU, JOSEPH H

INSTITUTION TOTAL  
CITY TOTAL

2 806,073  
2 806,073

MULTI-LEVEL ANALYSIS AND DISPLAY OF MOUSE GENOME DATA

758,024

## ORONO

UNIVERSITY OF MAINE  
1S15 EY08457-01

KASS, LEONARD J

INSTITUTION TOTAL  
CITY TOTAL

1 5,000  
1 5,000

SMALL INSTRUMENTATION PROGRAM

5,000

STATE TOTAL

811,073

## MARYLAND

## BALTIMORE

JOHNS HOPKINS UNIVERSITY

1R01 CA49218-01A1 BAKER, FRANK  
1R01 AG08494-01 BLEECKER, BRUCE L  
1R29 A127429-01A1 BOCHNER, BRUCE S  
1R01 CA49776-01 CAMERON, JOHN L  
1R29 DK41260-01 DONOHUE, PATRICIA A  
1S10 RR04923-01 FEARON, DOUGLAS T  
1P40 RR05236-01 FRAZIER, JOHN M  
1S15 GM43395-01 GOLDBERG, ALAN M  
1R29 HL43312-01 KARP, MARSHA W  
1R01 CA50435-01 KAUFMANN, SCOTT H  
1R01 GM42780-01 KELLY, THOMAS J  
1R01 AG08327-01 KEYL, PENELOPE M  
1R29 DK41889-01 LILLEMOR, KEITH D  
1R01 GM42522-01 MACHAMER, CAROLYN E  
1R01 NS27776-01 MOUNTCASTLE, VERNON B  
1R01 AI28211-01 PABO, CARL O  
1S15 CA51273-01 ROSS, RICHARD S  
1R01 CA49644-01 SHIN, HYUN S  
1R01 HD24123-01A1 STARFIELD, BARBARA  
1R01 HD24139-01A1 STROBINO, DONNA M  
1R29 GM42878-01 WASHBAUGH, MICHAEL W  
1P01 AG08321-01 ZIRKIN, BARRY R

INSTITUTION TOTAL

22 3,548,912

PSYCHOSOCIAL FACTORS IN ADJUSTMENT OF BMT SURVIVORS  
BIOLOGICAL FACTORS RESPONSIBLE FOR NEUROBEHAVIORAL AGING  
BASOPHIL ACTIVATION AND RECRUITMENT IN ALLERGIC DISEASE  
PAIN CONTROL IN PATIENTS WITH PANCREATIC CANCER  
21-HYDROXYLASE DEFICIENCY--MUTATIONS AND MECHANISMS  
INTERDEPARTMENTAL FLOW CYTOMETRY CORE FACILITY  
CORE SUPPORT-CENTER FOR ALTERNATIVES TO ANIMAL TESTING  
SMALL INSTRUMENTATION PROGRAM  
G PROTEIN AND AGE-RELATED CHANGES IN AIRWAY REACTIVITY  
TOPOISOMERASE II AND DRUG RESISTANCE IN ACUTE LEUKEMIA  
REGULATION OF THYMIDINE KINASE IN THE CELL CYCLE  
EFFECTS OF ALZHEIMER'S DISEASE AND AGING ON DRIVING  
ROLE OF CALCIUM AND CAFFEINE IN GALLSTONE DISEASE  
MEMBRANE INSERTION AND TARGETING OF VIRAL GLYCOPROTEINS  
CEREBRAL CORTICAL MECHANISMS IN SOMESTHESIS  
STRUCTURE/ACTIVITY STUDIES OF THE TAT PROTEIN FROM HIV  
SMALL INSTRUMENTATION PROGRAM  
ERADICATION OF RESIDUAL LEUKEMIA BY ANTIBODY THERAPY  
LOW BIRTHWEIGHT AND PREMATURITY--RACE AND RISK FACTORS  
YOUNG MATERNAL AGE, INFANT HEALTH, & HEALTH CARE USE  
MECHANISMS OF ENZYMIC AND NONENZYMIC THIAMIN REACTIONS  
AGING AND MALE REPRODUCTIVE TRACT STRUCTURE AND FUNCTION

180,354  
166,140  
94,692  
97,106  
93,230  
259,000  
73,178  
77,435  
106,066  
163,918  
191,250  
204,753  
93,884  
145,817  
255,397  
105,694  
98,488  
131,662  
147,111  
120,163  
102,166  
641,408



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MARYLAND</b>			
<b>BALTIMORE</b>			
MARYLAND MEDICAL RESEARCH INSTITUTE			
1R01 HL42428-01	KNATTERUD, GENELL L	THROMBOLYSIS IN MYOCARDIAL ISCHEMIA COORDINATING CENTER	590,495
INSTITUTION TOTAL	1	590,495	
<b>NOVA PHARMACEUTICAL CORPORATION</b>			
1R43 AR39930-01	FARMER, STEPHEN G	INTERLEUKIN 1 REGULATION OF BRADYKININ RECEPTORS	49,611
INSTITUTION TOTAL	1	49,611	
<b>UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND</b>			
1R01 CA50629-01	BALCER-KUBICZEK, ELIZABETH K	BALTIMORE PROFESSIONAL SCHOOL	164,721
1R01 NS27171-01	BLOCH, ROBERT J	NEOPLASTIC TRANSFORMATION BY NEUTRONS AND GAMMA RAYS	128,378
1S15 AI29016-01	DENNIS, JOHN M	ASSEMBLY OF A POSTSYNAPTIC MEMBRANE	73,722
1S10 RR04800-01	LAKOWICZ, JOSEPH R	SMALL INSTRUMENTATION PROGRAM	117,000
1R01 GM42925-01	LOVETT, PAUL S	DUAL TIME AND FREQUENCY-DOMAIN FLUOROMETER	194,236
1R01 DK41022-01A1	MAX, STEPHEN R	TRANSLATIONAL ATTENUATION AS A GENE REGULATOR	113,507
1R01 GM42614-01	POULOS, THOMAS L	ENDOCRINE ASPECTS OF MUSCLE WASTING IN AIDS	157,337
INSTITUTION TOTAL	7	948,901	
CITY TOTAL	31	5,137,919	
<b>BELTSVILLE</b>			
<b>INTERNATIONAL SOCIETY FOR CHRONOBIOLOGY</b>			
1R13 CA49424-01	HAYES, DORA K	XIX CONFERENCE - INT SOC CHRONOBIOLOGY - JUNE 20-24-1989	15,500
INSTITUTION TOTAL	1	15,500	
CITY TOTAL	1	15,500	
<b>BETHESDA</b>			
<b>FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY</b>			
1R13 DK41688-01	COUSINS, ROBERT J	FASEB SUMMER CONFERENCE MICRONUTRIENTS--TRACE ELEMENTS	6,000
1R13 HD26431-01	DARLINGTON, GRETCHEN J	FASEB RESEARCH CONFERENCE--CELLULAR & MOLECULAR GENETICS	5,500
1R13 DK41689-01	GREENWOOD, MARY R	FASEB CONFERENCE/ENERGY/BALANCE & NUTRIENT PARTITIONING	11,000
1R13 GM41595-01	MEANS, ANTHONY R	FASEB CONFERENCE--CALCIUM AND CELL FUNCTION	3,000
1R13 DK41343-01	NAVAR, LUIS G	FASEB/RENAL HEMODYNAMICS--INTEGRATIVE & CELLULAR MECHS	3,000
1R13 GM42586-01	QUAIL, PETER H	FASEB SUMMER RESEARCH CONFERENCE--PLANT GENE EXPRESSION	2,000
1R13 GM42552-01	SCHLESINGER, MILTON J	UBIQUITIN AND INTRACELLULAR PROTEIN DEGRADATION	2,000
1R13 GM42587-01	WILSON, JOHN H	GENETIC RECOMBINATION AND GENOME REARRANGEMENTS	7,000
1R13 DK41657-01	WOOD, JACKIE D	FASEB SUMMER RESEARCH CONFERENCE: GI REGULATION	9,575
INSTITUTION TOTAL	9	49,075	

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MARYLAND</b>			
BETHESDA			
HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE			
1R01 CA50193-01	SCHLESSELMAN, JAMES J	ORAL CONTRACEPTIVES AND CANCER	
INSTITUTION TOTAL	1	81,464	81,464
CITY TOTAL	10	130,539	
<b>CATONSVILLE</b>			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND		BALTIMORE COUNTY CAMPUS	
1S15 GM43403-01	FENSELAU, CATHERINE C	SMALL INSTRUMENTATION PROGRAM	15,215
1R29 GM42561-01	SUMMERS, MICHAEL F	NMR STUDIES OF RETROVIRAL NUCLEIC ACID BINDING PROTEINS	96,887
INSTITUTION TOTAL	2	112,102	
CITY TOTAL	2	112,102	
<b>COLLEGE PARK</b>			
DIGENE			
1R43 AI27591-01	MCCLINTOCK, JAMES T	HERPESVIRIDAE INFECTIONS & THE PROGRESSION OF AIDS	50,000
INSTITUTION TOTAL	1	50,000	
<b>UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND</b>			
1R01 GM40570-01A1	GERLT, JOHN A	COLLEGE PARK CAMPUS RESTRUCTURING CATALYSIS IN THE MANDELATE PATHWAY	249,032
INSTITUTION TOTAL	1	249,032	
CITY TOTAL	2	299,032	
<b>GAITHERSBURG</b>			
MOLECULAR ONCOLOGY, INC.			
1R43 CA50077-01	KING, CHARLES R	DOMAIN SPECIFIC ANTIBODIES TO HUMAN ERB-2/NEU PROTEIN	44,074
INSTITUTION TOTAL	1	44,074	
CITY TOTAL	1	44,074	
<b>ROCKVILLE</b>			
AMERICAN TYPE CULTURE COLLECTION			
1R01 GM42934-01	MAGLOTT, DONNA R	DEVELOPING PROCEDURES FOR A GENOMIC REPOSITORY	217,278
INSTITUTION TOTAL	1	217,278	

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>MARYLAND</b>			
<b>ROCKVILLE</b>			
MICROBIOLOGICAL ASSOCIATES, INC.			
1R43 ES05152-01	HARBELL, JOHN W	IN VITRO ASSAY FOR TOXIC PARTICULATES	48,132
INSTITUTION TOTAL	1		48,132
<b>SPINA BIFIDA ASSOCIATION OF AMERICA</b>			
1R13 NS28295-01	PATRICK, DONALD L	NEURAL TUBE DEFECTS ETIOLOGY RESEARCH CONFERENCE	14,311
INSTITUTION TOTAL	1		14,311
<b>U.S. DEPARTMENT OF ENERGY--MOLECULAR ANATOMY LABORATORY</b>			
1R43 ES04712-01A2	MOORE, LARRY J	ULTRASENSITIVE NICKEL DETERMINATIONS FOR TOXICOLOGY	49,917
INSTITUTION TOTAL	1		49,917
CITY TOTAL	4		329,638
STATE TOTAL	51		6,068,804
<b>MASSACHUSETTS</b>			
<b>AMHERST</b>			
AMHERST COLLEGE			
1S15 GM43419-01	DOOLEY, DAVID M	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
<b>UNIVERSITY OF MASSACHUSETTS AT AMHERST</b>			
1R01 GM42636-01	BRANDTS, JOHN F	DOMAIN INTERACTION IN GLOBULAR AND TRANSMEMBRANE PROTEIN	223,494
1S15 GM43402-01	MARONEY, MICHAEL J	SMALL INSTRUMENTATION PROGRAM	24,520
1R01 CA50532-01	NORKIN, LEONARD C	INTERACTION OF SV40 WITH MHC CLASS 1 PROTEINS	115,669
INSTITUTION TOTAL	3		363,683
CITY TOTAL	4		368,683
<b>ANDOVER</b>			
PHYSICAL SCIENCES, INC.			
1R43 DK41577-01	DAVIS, STEVEN J	LASER-INDUCED PHOTOEMISSIVE IDENTIFICATION OF CALCULI	49,948
INSTITUTION TOTAL	1		49,948
CITY TOTAL	1		49,948



NTH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR  
TITLE OF RESEARCH PROPOSAL

MASSACHUSETTS  
ASHLAND  
TEKMAT CORPORATION  
1R43 NS27791-01

KLAUSNER, MITCHELL  
MICRODIALYSIS MEMBRANES FOR CHRONIC STUDIES

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

50,000

BEDFORD  
COLLABORATIVE RESEARCH, INC.  
1R01 DK41269-01 BOWDEN, DONALD W

GENETIC MAPPING OF NON-INSULIN DEPENDENT DIABETES

INSTITUTION TOTAL 1 263,666  
CITY TOTAL 1 263,666

263,666

BELMONT  
CAMBRIDGE SCIENTIFIC, INC.  
1R43 HD25779-01 GRESSOR, JOSEPH

MULTIPHASIC RELEASE OF LHRH FOR TREATING INFERTILITY

INSTITUTION TOTAL 1 50,000

50,000

MC LEAN HOSPITAL  
1S15 AG08792-01 DAVIS, JOSEPH H

SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 1 40,738  
CITY TOTAL 2 90,738

40,738

BOSTON  
BETH ISRAEL HOSPITAL  
1R01 EY07715-01A1 AVORN, JEROME L  
1R01 CA50453-01 DVORAK, HAROLD F  
1S15 CA51270-01 RABKIN, MITCHELL T  
1S10 RR04638-01 SALZMAN, EDWIN W  
1R01 DK42431-01 SILVA, JORGE E

INSTITUTION TOTAL 5 745,521

TOPICAL B-BLOCKER SIDE EFFECTS IN ELDERLY  
PROSPECTIVE STUDY OF OVARIAN CARCINOMA  
SMALL INSTRUMENTATION PROGRAM  
UPGRADING SPECTROFLUORIMETER FOR STUDY OF SINGLE CELLS  
ROLE OF THYROID HORMONE IN BROWN ADIPOSE TISSUE FUNCTION

155,544  
202,041  
61,564  
134,000  
192,372

BOSTON BIOMEDICAL RESEARCH INSTITUTE  
1S15 GM43446-01 LU, RENNE C  
1S10 RR05042-01 TAO, TERENCE C

INSTITUTION TOTAL 2 166,181

SMALL INSTRUMENTATION PROGRAM  
MULTIFREQUENCY PHASE AND MODULATION FLUOROMETER

35,181  
131,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
<b>BOSTON UNIVERSITY</b>			
1S15 HL43994-01	CHOBANIAN, ARAM V	SMALL INSTRUMENTATION PROGRAM	79,203
1R01 HL43161-01	DICKEY, BURTON F	CONTROL OF SURFACTANT SECRETION BY GTP BINDING PROTEINS	126,211
1R13 AG08474-01	KELLY, JEREMIAH F	1989 SUMMER INSTITUTE IN GERIATRIC MEDICINE	44,435
1R01 HL43395-01	LEVINE, ROY A	REGULATION OF ALVEOLAR EPITHELIAL CELL DIFFERENTIATION	158,270
1S10 RR04901-01	MARSHAK-ROTHSTEIN, ANN	FLOW CYTOMETER	117,000
1R29 DK40538-01A1	OFFNER, GWYNNEETH D	MOLECULAR BASIS FOR MULTIPLE FORMS OF HEME OXYGENASE	101,938
1S15 CA51393-01	SCOTCH, NORMAN A	SMALL INSTRUMENTATION PROGRAM	26,723
1R01 CA49629-01	SKARE, JAMES C	GENETICS OF THE X-LINKED LYMPHOPROLIFERATIVE SYNDROME	109,297
1R01 DK41263-01	WIDMAIER, ERIC P	CONTROL OF STRESS RESPONSE IN RATS BY ENERGY SUBSTRATES	106,200
<b>INSTITUTION TOTAL</b>	<b>9</b>		<b>869,277</b>
<b>BRIGHAM AND WOMEN'S HOSPITAL</b>			
1R01 DK41415-01	BROWN, EDWARD M	PHARMACOLOGY OF BOVINE PARATHYROID CA RECEPTORS	162,228
1R01 HL42120-01A1	CANESSA, MITZY L	CELL PH AND CA++ IN NORMAL AND HYPERTENSIVE RAT ADRENALS	165,961
1R01 CA45484-01A3	EBERLEIN, TIMOTHY J	AN ALTERNATIVE METHOD OF ADOPTIVE IMMUNOTHERAPY	240,362
1S10 RR04978-01	INGWALL, JOANNE S	NMR SPECTROMETER	400,000
1R01 GM42672-01	KRIEGER, NEIL R	MOLECULAR TARGET FOR STERIOD ANESTHESIA	157,304
1S15 HL43983-01	NESSON, H RICHARD	SMALL INSTRUMENTATION PROGRAM	85,183
1R01 CA49449-01	SPEIZER, FRANK E	BIOCHEMICAL MARKERS IN THE NURSE HEALTH STUDY COHORT	1,694,230
1R01 HL43131-01	TANG, SHIOW-SHIH	NUCLEAR EFFECTS OF ANGIOTENSIN ON VASCULAR SMOOTH MUSCLE	134,816
<b>INSTITUTION TOTAL</b>	<b>8</b>		<b>3,040,084</b>
<b>CENTER FOR BLOOD RESEARCH</b>			
1S10 RR04828-01	ALPER, CHESTER A	DNA SYNTHESIZER/SEQUENCING SYSTEM	49,000
<b>INSTITUTION TOTAL</b>	<b>1</b>		<b>49,000</b>
<b>CHILDREN'S HOSPITAL</b>			
1R01 HL42908-01	KULIK, THOMAS J	STRETCH AS A GROWTH STIMULUS IN VASCULAR SMOOTH MUSCLE	122,865
1R01 AR39965-01	SHAPIRO, FREDERIC D	CELL-CELL COMMUNICATION IN CORTICAL BONE REPAIR	67,085
1R01 NS27832-01	VILLA-KOMAROFF, LYDIA	IGF-II IN FETAL AND MATURE NERVOUS SYSTEM AND MUSCLE	149,015
<b>INSTITUTION TOTAL</b>	<b>3</b>		<b>338,965</b>
<b>DANA-FARBER CANCER INSTITUTE</b>			
1R29 A128554-01	BIERER, BARBARA E	INTERACTION OF CD-2 WITH LFA-3 IN T CELL ACTIVATION	113,853
1S15 CA51320-01	JANICKI, BERNARD W	SMALL INSTRUMENTATION PROGRAM	79,430
1P01 CA50661-01	LIVINGSTON, DAVID M	PAPOVAVIRUS TRANSFORMING MECHANISMS	1,094,434
1R01 DK42260-01	SIEFF, COLIN A	HUMAN IMMUNODEFICIENCY VIRUS AND HEMATOPOIESIS	144,368
<b>INSTITUTION TOTAL</b>	<b>4</b>		<b>1,432,085</b>

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
<b>HARVARD UNIVERSITY</b>			
1S15 GM43394-01	ADELSTEIN, STANLEY J	SMALL INSTRUMENTATION PROGRAM	86,161
1R01 GM42720-01	BELASCO, JOEL G	MESSENGER RNA DECAY IN MAMMALIAN CELLS	196,605
1S15 CA51360-01	BLOUT, ÉLKAN R	SMALL INSTRUMENTATION PROGRAM	63,413
1R01 AG08331-01	CLEARY, PAUL D	AGE CASE-MIX PROCESS & OUTCOME IN HOSPITALIZED PATIENTS	139,817
1R01 EY08091-01	HETH, CYNTHIA A	CELL BIOLOGY OF RETINAL PIGMENT EPITHELIUM	124,969
1R01 CA44683-01A1	HSIEH, CHUNG-CHENG	CASE-CONTROL STUDY OF CANCER OF EXTRAHEPATIC BILE DUCT	88,606
1R01 HL43318-01	KARNOVSKY, MORRIS J	EXPERIMENTAL CARDIAC TRANSPLANT ATHEROSCLEROSIS	143,556
1R13 CA50302-01	KNIPE, DAVID M	FOURTEENTH INTERNATIONAL HERPESVIRUS WORKSHOP	5,000
1R01 AI25944-01A1	KOLTER, ROBERTO G	MOLECULAR GENETICS OF PEPTIDE EXPORT IN E. COLI	194,688
1S10 RR04951-01	MATLIN, KARL S	CONFOCAL FLUORESCENCE MICROSCOPE	129,000
1R01 DK40518-01A1	SUL, HÈI S	PHOSPHOFRUCTOKINASE ISOZYME EXPRESSION DURING MYOGENESIS	175,535
1R01 AI27511-01A1	TITUS, RICHARD G	ROLE OF SANDFLY SALIVA IN LEISHMANIASIS	135,578
1S10 RR04862-01	WALSH, CHRISTOPHER T	PURCHASE OF 500 MHZ NMR SPECTROMETER	400,000
1S15 AR40205-01	WONG, DAVID T	SMALL INSTRUMENTATION PROGRAM	11,658
<b>INSTITUTION TOTAL</b>	<b>14</b>		<b>1,894,586</b>
<b>MASSACHUSETTS EYE AND EAR INFIRMARY</b>			
1S15 EY08435-01	BROSEGHINI, ALBERT L	SMALL INSTRUMENTATION PROGRAM	36,500
1R01 EY08088-01	DRYJA, THADDEUS P	COMPLETE GENOMIC SEQUENCE OF THE RETINOBLASTOMA GENE	143,754
<b>INSTITUTION TOTAL</b>	<b>2</b>		<b>180,254</b>
<b>MASSACHUSETTS GENERAL HOSPITAL</b>			
1R01 DK41762-01	AVRUCH, JOSEPH	PHYSIOLOGIC TARGET OF THE INSULIN RECEPTOR KINASE	327,234
1R01 HL43216-01	BARSKY, ARTHUR J	CARDIAC ARRHYTHMIAS AND THE PERCEPTION OF SYMPTOMS	228,997
1S10 RR04898-01	BRADY, THOMAS J	2.OT "REAL-TIME" MR IMAGING SYSTEM	400,000
1S10 RR04780-01	CAVINÈSS, VERNÉ S, JR	MORPHOMETRIC ANALYSIS SYSTEM	176,000
1R13 HD25960-01	ERBE, RICHARD W	CONFERENCE: CLINICAL APPLICATIONS OF MOLECULAR GENETICS	10,000
1R01 AG07906-01	GROWDON, JOHN H	PHOSPHOLIPID ABNORMALITIES IN ALZHEIMER'S DISEASE	156,540
1R01 GM42359-01	GUSELLA, JAMES F	ORDERED OVERLAPPING COSMID CLONES--CHROMOSOME 21/22	543,362
1R01 GM42826-01	HAINES, JONATHAN L	FINE STRUCTURE GENETIC LINKAGE MAP OF CHROMOSOME 21 & 22	290,046
1R01 AR39993-01	KURNICK, JAMES T	CLONAL DOMINANCE OF T-LYMPHOCYTES IN ARTHRITIS	177,736
1S15 HL44040-01	LAMONT-HAVERS, RONALD W	SMALL INSTRUMENTATION PROGRAM	83,081
1R01 HD25394-01	MILLER, JEFFRÉY B	CELL LINEAGE COMMITMENT IN MAMMALIAN MYOGENESIS	112,808
1R29 CA49832-01	OZTURK, MEHMET	STUDIES ON HUMAN HEPATOMA CELL SURFACE PROTEIN P50	88,270
1R01 HL43340-01	RUSSELL, PAUL S	CARDIAC TRANSPLANT ATHEROSCLEROSIS	193,914
1R01 AI27849-01	SEED, BRIAN	GENETIC ANALYSIS OF HUMAN FC RECEPTORS	157,982
1R01 CA49455-01	SEIZINGER, BERND R	ISOLATION OF GENE DEFECT IN VON HIPPEL-LINDAU DISEASE	196,831
1R01 AI27740-01A1	SY, MAN-SUN	IMMUNE RESPONSE TO HIV-1 ENCODED ANTIGENS IN MICE	294,470
1R01 AI28568-01	WALKER, BRUCE D	HIV-1-SPECIFIC T CELL CLONES	169,201
<b>INSTITUTION TOTAL</b>	<b>17</b>		<b>3,606,472</b>



NTH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
NEW ENGLAND DEACONESS HOSPITAL			
1R29 CA50473-01	KRAMER, ROBERT A	ROLE OF GLUTATHIONE IN MULTIDRUG RESISTANCE	103,667
1R01 DK41255-01	MAKI, TAKASHI	PANCREATIC ISLET TRANSPLANTATION IN NOD MICE	171,493
1P01 HL43510-01	ROSE, RICHARD M	HIV-ALVEOLAR MACROPHAGE INTERACTION	2,000,504
INSTITUTION TOTAL	3		
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1R29 CA44761-01A3	CHERRINGTON, VAN	AN ONCOGENE SENSITIVE REGULATION OF DIFFERENTIATION	86,083
1R29 DK41921-01	CONE, ROGER D	MOLECULAR BASIS OF THYROIDAL IODIDE TRANSPORT	98,551
1R01 AR39157-01A1	DATTÀ, SYAMAL K	PATHOGENIC ANTI-DNA ANTIBODIES--REGULATE HUMAN LUPUS	115,304
1R01 HD25579-01	DIETZ, WILLIAM H	ENERGY EXPENDITURE AND THE INCIDENCE OF OBESITY	226,319
INSTITUTION TOTAL	4		
NORTHEASTERN UNIVERSITY			
1S15 AG08780-01	FINE, SAMUEL	SMALL INSTRUMENTATION PROGRAM	16,018
1S15 CA51366-01	GIESÉ, ROGER W	SMALL INSTRUMENTATION PROGRAM	8,102
INSTITUTION TOTAL	2		
ST. ELIZABETH'S HOSPITAL OF BOSTON			
1R13 DK40651-01	DAINIAK, NICHOLAS, JR	INTERNATIONAL SYMPOSIUM ON THE BIOLOGY OF HEMATOPOIESIS	19,000
INSTITUTION TOTAL	1		
TUFTS UNIVERSITY			
1R01 HL43203-01	GRAY, MARK R	SINGLE BASE DIFFERENCES IN THE HUMAN FACTOR VIII GENE	166,753
1R01 GM42219-01	SONENSHEIN, ABRAHAM L	ISOLATION OF EARLY SPORULATION GENES	179,465
1S15 GM43505-01	TALAMO, BARBARA R	SMALL INSTRUMENTATION PROGRAM	75,083
1R01 AG08909-01	YAAR, MINA	GROWTH REGULATION OF NORMAL & MALIGNANT KERATINOCYTES	148,170
INSTITUTION TOTAL	4		
UNIVERSITY HOSPITAL			
1R01 HL40123-01A1	GRIFFING, GEORGE T	19-NOR-DEXYCORTICOSTERONE IN HYPERTENSION	172,962
INSTITUTION TOTAL	1		
UNIVERSITY OF MASSACHUSETTS AT BOSTON			
1S15 AI29068-01	SAFWAT, FUAD M	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		
CITY TOTAL	81		

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

## MASSACHUSETTS

## CAMBRIDGE

## HARVARD UNIVERSITY

1R01 GM42413-01

1R29 GM42550-01

1S10 RR04669-01

1R01 GM42843-01

BARON, MARGARET H

BOOTHBY, MARK R

BRANTON, DANIEL

PERALTA, ERNEST G

194,126

97,283

160,000

121,078

DEVELOPMENTAL REGULATION OF HUMAN B-LIKE GLOBIN GENES  
AN IL-4 INDUCIBLE PROTEIN IN LYMPHOCYTE GENE EXPRESSION  
CONFOCAL SCANNING IMAGING SYSTEM  
SIGNAL TRANSDUCTION MECHANISMS OF MUSCARINIC RECEPTORS

INSTITUTION TOTAL 4 572,487

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

1R01 GM42504-01

1R01 AR40029-01

1S10 RR04928-01

1R01 GM42645-01

GEHRKE, LEE

HOGAN, NEVILLE

NEURINGER, LEO J

YOUVAN, DOUGLAS C

CONTROL OF CELL FUNCTION VIA SELECTIVE MRNA TRANSLATION  
STUDY OF TOOL USE BY AMPUTEES AND ABLE PERSONS  
CM MAGNET FOR NMR SPECTROSCOPY AND MICROIMAGING  
SPECTROSCOPIC SCREENING OF ISOMORPHIC PROTEIN SEQUENCES

210,566

150,050

329,000

93,390

INSTITUTION TOTAL 4 783,006

## WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH

1S15 GM43437-01

1R01 GM41307-01A1

BALTIMORE, DAVID

KIM, PETER S

SMALL INSTRUMENTATION PROGRAM  
SYNTHETIC SUBDOMAINS OF BPTI AS PROTEIN FOLDING MODELS

34,506

222,833

INSTITUTION TOTAL 2 257,339  
CITY TOTAL 10 1,612,832

## DANVERS

APEC, INC.

1R43 DK41596-01

LIFFMANN, STANLEY M

FAST ENZYMATIC DETERMINATION OF CREATININE IN SERUM

48,540

INSTITUTION TOTAL 1 48,540  
CITY TOTAL 1 48,540

## HOPKINTON

CREATIVE BIOMOLECULES, INC.

1R43 AR40106-01

1R43 AR40112-01

CHARETTE, MARC F

TUCKER, RONALD F

CARTILAGE MATRIX PROTECTION BY FORMS OF TIMP  
INTERACTIVE EFFECTS OF GROWTH FACTORS ON CARTILAGE

50,000

50,000

INSTITUTION TOTAL 2 100,000  
CITY TOTAL 2 100,000

## MEDFORD

TUFTS UNIVERSITY

1R29 HD25889-01

HOLCOMB, PHILLIP J

CROSS-MODALITY LANGUAGE PROCESSING

99,666

NTH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MASSACHUSETTS			
MEDFORD			
TUFTS UNIVERSITY			
1S15 CA51254-01	SAMPSON, PHILIP B	SMALL INSTRUMENTATION PROGRAM	23,461
INSTITUTION TOTAL	2	123,127	
CITY TOTAL	2	123,127	
NATICK			
SPORTLABS			
1R43 AR39780-01A1	SUDMEIER, JAMES L	INTERACTIVE 3-D COMPUTER ANIMATION AND ANALYSIS OF SPORT	49,988
INSTITUTION TOTAL	1	49,988	
CITY TOTAL	1	49,988	
NEEDHAM HEIGHTS			
MERIX CORPORATION			
1R43 DK41157-01	MIX, THOMAS W	ORAL INSULIN ADMINISTRATION	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
NEWTON			
BOSTON COLLEGE			
1R01 GM42833-01	KANTROWITZ, EVAN R	NEW INSIGHTS INTO ENZYME STRUCTURE AND FUNCTION	141,348
1S15 GM43416-01	POWERS, ROBERT D	SMALL INSTRUMENTATION PROGRAM	13,263
INSTITUTION TOTAL	2	154,611	
CITY TOTAL	2	154,611	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.			
1S15 GM43452-01	PEDERSON, THORU	SMALL INSTRUMENTATION PROGRAM	47,305
INSTITUTION TOTAL	1	47,305	
CITY TOTAL	1	47,305	
SOMERVILLE			
SCIENCE RESEARCH LABORATORY, INC.			
1R43 CA50031-01	SHEFER, RUTH E	ACCELERATOR PRODUCTION OF EPITHERMAL NEUTRONS FOR BNCT	49,899
INSTITUTION TOTAL	1	49,899	



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	49,899	
MASSACHUSETTS			
WALTHAM			
BRANDEIS UNIVERSITY	COHEN, JOEL M	SMALL INSTRUMENTATION PROGRAM	54,524
1S15 GM43400-01	DEROSIER, DAVID J	3-D ELECTRON MICROSCOPY OF MACROMOLECULES	4,000
1R13 GM42649-01	MILLER, CHRISTOPHER	MECHANISMS OF MEMBRANE TRANSPORT PROTEINS	2,000
1R13 GM42858-01	STINE, ELIZABETH L	ADULT AGE DIFFERENCES IN ONLINE PROCESSING OF DISCOURSE	90,196
1R29 AG08382-01			
INSTITUTION TOTAL	4	150,720	
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
1S10 RR04890-01	FOX, THOMAS O	IMAGE ANALYSIS SYSTEM	359,000
INSTITUTION TOTAL	1	359,000	
CITY TOTAL	5	509,720	
WAYLAND			
CANDELA LASER CORPORATION	FURUMOTO, HORACE W	PULSED LASER TREATMENT OF PIGMENTED LESIONS	50,000
1R43 AR38987-01A2	LESIECKI, MICHAEL	MID-INFRARED LASER FOR HEAD AND NECK SURGERY	47,068
1R43 AR40104-01			
INSTITUTION TOTAL	2	97,068	
CITY TOTAL	2	97,068	
WOODS HOLE			
MARINE BIOLOGICAL LABORATORY	HALVORSON, HARLYN O	SMALL INSTRUMENTATION PROGRAM	16,077
1S15 GM43397-01			
INSTITUTION TOTAL	1	16,077	
CITY TOTAL	1	16,077	
WORCESTER			
ALPHA-BETA TECHNOLOGY, INC.	JAMAS, SPIROS	MACROPHAGE ACTIVATING ADJUVANTS FOR HIV VACCINES	48,100
1R43 AI28139-01			
INSTITUTION TOTAL	1	48,100	
CLARK UNIVERSITY			
1R15 AI27940-01	LIVDAHL, TODD P	PREDICTING OUTCOMES OF THE AEDES ALBOPICTUS INVASION	101,265

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>WORCESTER</b>			
CLARK UNIVERSITY 1R15 HD25585-01	LYERLA, TIMOTHY A	CHROMOSOMAL LOCALIZATION OF THE CHEDIAK-HIGASHI GENE	92,411
INSTITUTION TOTAL	2	193,676	
<b>COLLEGE OF THE HOLY CROSS</b>			
1R15 AG08359-01	AINLAY, STEPHEN C	WORCESTER AREA PROJECT ON AGING	109,596
INSTITUTION TOTAL	1	109,596	
<b>ST. VINCENT HOSPITAL</b>			
1R01 AR39870-01	SHAPIRO, JAY R	COLLAGEN METABOLISM IN O. IMPERFECTA OSTEOBLASTS	127,912
INSTITUTION TOTAL	1	127,912	
<b>UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER</b>			
1R01 NS27833-01	DEGENNARO, LOUIS J	REGULATION OF SYNAPSIN GENE EXPRESSION IN VITRO	116,325
1R01 GM43023-01	HARDY, LARRY W	MECHANISMS OF DTMP SYNTHASE AND DCMF HYDROXYMETHYLASE	144,914
1R01 DK41235-01	MORDES, JOHN P	ROLE OF VENULAR ENDOTHELIUM IN DIABETES	201,902
1R29 AI29417-01	ROMAIN, PAUL L	NORMAL AND RHEUMATIC DISEASE T CELL REGULATION VIA CD6	102,060
1S10 RR04659-01	WRIGHT, GEORGE E	NUCLEAR MAGNETIC RESONANCE SPECTROMETER	314,000
INSTITUTION TOTAL	5	879,201	
CITY TOTAL	10	1,358,485	
STATE TOTAL	129	20,955,586	
<b>MICHIGAN</b>			
<b>ANN ARBOR</b>			
<b>UNIVERSITY OF MICHIGAN AT ANN ARBOR</b>			
1R37 AG08511-01	DIOKNO, ANANIAS C	GERIATRIC URINARY INCONTINENCE: LONG-TERM FOLLOW-UP	387,809
1R29 AR40016-01	ELDER, JAMES T	TGF-ALPHA AND TYROSINE KINASE ACTIVATION IN PSORIASIS	98,278
1R29 NR02243-01	FREY, MAUREEN A	NURSING PERSPECTIVE-FAMILIES, CHILDREN & CHRONIC ILLNESS	93,181
1S15 GM43444-01	GOLDSTEIN, IRWIN J	SMALL INSTRUMENTATION PROGRAM	88,998
1R01 HL42607-01	JOHNSON, KENT J	OXIDANT AND PROTEASE INTERACTION IN ACUTE LUNG INJURY	195,784
1R01 AG08270-01	JUSTER, F T	SAVING WEALTH, AND HEALTH AMONG OLDER AMERICANS	125,968
1R01 CA47132-01A1	KEREN, DAVID F	MUCOSAL IMMUNE RESPONSE TO AFLATOXIN B1	130,821
1R29 DK40095-01A1	KOENIG, RONALD J	FUNCTIONAL ROLE OF MULTIPLE THYROID HORMONE RECEPTORS	92,228
1R01 HL41663-01A1	LEVY, ROBERT J	MYOCARDIAL CONTROLLED RELEASE IMPLANTS FOR ARRHYTHMIAS	186,734
1R13 HL41941-01	LEVY, ROBERT J	CONFERENCE ON CARDIOVASCULAR IMPLANT CALCIFICATION	2,900
1R21 EY08354-01	LICHTER, PAUL R	EFFECT OF GLAUCOMA THERAPY ON QUALITY OF LIFE	79,500
1R01 DK41350-01	LOGSDON, CRAIG D	MOLECULAR ANALYSIS OF THE CHOLECYSTOKININ RECEPTOR	164,635





NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

## MICHIGAN

## EAST LANSING

## MICHIGAN STATE UNIVERSITY

1S10 RR04750-01	CHANG, CHI K	889,918	NMR SPECTROMETER FOR ORGANIC STRUCTURE DETERMINATION	160,000
1R01 CA50430-01	CHANG, CHIA-CHENG	889,918	TRANSFORMATION OF HUMAN BREAST EPITHELIAL CELLS IN VITRO	172,310
1R01 CA48066-01A1	MAHER, VERONICA M		MECHANISMS OF HOMOLOGOUS RECOMBINATION IN HUMAN CELLS	109,729
1S15 CA51302-01	MC CORMICK, J JUSTIN		SMALL INSTRUMENTATION PROGRAM	16,997
1S15 CA51296-01	ROBINSON, NORMAN E		SMALL INSTRUMENTATION PROGRAM	17,213
1R01 HL43229-01	TULINSKY, ALEXANDER		STRUCTURES OF CATALYTIC DOMAINS OF BLOOD PROTEINS	131,018
1R01 GM39821-01A2	WAGNER, PETER J		ORTHO PHOTOCYCLOADDITION OF ALKENES TO TRIPLET BENZENES	133,738
1R01 CA39456-01A2	WALKER, BRUCE E		TRANSPLACENTAL CARCINOGENESIS AND DIET	132,953

INSTITUTION TOTAL	9	889,918
CITY TOTAL	9	889,918

STATE TOTAL	41	5,186,398
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## MINNESOTA

## EDEN PRAIRIE

## BIO-METRIC SYSTEMS, INC.

1R43 AR39268-01A2	CLAPPER, DAVID L	50,000	PREPARATION OF AFFINITY DERIVATIVES OF IP3	50,000
1R43 HL42731-01	CLAPPER, DAVID L	50,000	HIRUDIN IMMOBILIZATION TO PRODUCE ANTITHROMBIC SURFACES	50,000
1R43 AI28125-01	DUNKIRK, SHAWN G		IMMOBILIZATION OF ANTIMICROBIAL PEPTIDES	50,000

INSTITUTION TOTAL	3	150,000
CITY TOTAL	3	150,000

## MANKATO

## STATE UNIVERSITY SYSTEM OF MINNESOTA--MANKATO STATE UNIVERSITY

## MECHANISMS FOR ALTERING PARAQUAT TOXICITY

86,400

1R15 ES05109-01

MERCURIO, STEVEN D

INSTITUTION TOTAL	1	86,400
CITY TOTAL	1	86,400

## MINNEAPOLIS

## MEDIUM WELL DONE

1R43 AG08613-01

BEHAVIOR MANAGEMENT OF ALZHEIMER'S FOR CAREGIVERS

37,955

INSTITUTION TOTAL	1	37,955
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## UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL

1R13 NS26875-01

GENETICS AND EPILEPSY

42,573

NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>MINNESOTA</b>			
<b>MINNEAPOLIS</b>			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R01 GM42722-01	BARANY, GEORGE	IMPROVED HANDLES FOR SOLID-PHASE PEPTIDE SYNTHESIS	148,339
1S10 RR04774-01	BARANY, GEORGE	AMINO ACID PEPTIDE ANALYZER	115,000
1S10 RR04654-01	BAUMANN, WOLFGANG J	NUCLEAR MAGNETIC RESONANCE SPECTROMETER	342,000
1S15 AI29060-01	BROWN, DAVID M	SMALL INSTRUMENTATION PROGRAM	79,315
1R01 GM41571-01A1	CONKLIN, KATHLEEN F	RETROVIRUS REGULATION IN VITRO AND DURING DEVELOPMENT	139,527
1R01 GM42557-01	DAS, ANATHANDHU	MOLECULAR ANALYSIS OF FLOWERING GENES OF PHARBITIS NIL	119,047
1S10 RR05273-01	DAY, EDMUND P	SQUID SUSCEPTOMETER FOR METALLOPROTEIN STUDIES	134,000
1S10 RR04964-01	FARAS, ANTHONY J	DNA SEQUENCER	102,000
1R29 AI27440-01A1	GOODMAN, JESSE L	BIOLOGICAL CHARACTERIZATION OF HSV INVASIVENESS GENES	86,723
1R01 AI28365-01	JENKINS, MARC K	EFFECTS OF CYCLOSPORINE A ON T CELL DEVELOPMENT	182,117
1S15 HL43941-01	KANE, ROBERT L	SMALL INSTRUMENTATION PROGRAM	39,207
1R35 CA49721-01	KERSÉY, JOHN H	OUTSTANDING INVESTIGATOR AWARD	287,284
1R29 HD26175-01	MESCE, KAREN A	DEVELOPMENT OF ADULT-SPECIFIC BEHAVIOR IN MANDUCA SEXTA	74,160
1P41 GM41263-01	MUNCK, ECKARD	Q & S BAND MICROWAVE BRIDGES FOR METALLOPROTEIN STUDIES	84,076
1R29 AR40001-01	OETTING, WILLIAM S	MOLECULAR BIOLOGY OF DOPACHROME OXIDOREDUCTASE	89,936
1S10 RR04708-01	POTTER, JOHN D	INTELLIGENT MASS STORAGE SUBSYSTEM	148,000
1S15 HL43955-01	PROHASKA, JOSEPH R	SMALL INSTRUMENTATION PROGRAM	10,233
1R29 GM42921-01	PRUITT, RONALD C	MULTIVARIATE SURVIVAL CURVE ANALYSIS	53,613
1R01 CA49450-01	ROBISON, LESLIE L	ACUTE NONLYMPHOBLASTIC LEUKEMIA IN CHILDREN	322,093
1S15 GM43502-01	SCHACHTÉLE, CHARLES F	SMALL INSTRUMENTATION PROGRAM	13,288
1S15 GM43393-01	SWAN, PATRICIA B	SMALL INSTRUMENTATION PROGRAM	50,613
1P30 HD24051-01A1	THOMPSON, TRAVIS I	CENTER FOR RESEARCH ON DEVELOPMENTAL DISABILITIES	399,506
1S15 CA51272-01	VINCE, ROBERT	SMALL INSTRUMENTATION PROGRAM	9,767
INSTITUTION TOTAL	24		3,072,417
CITY TOTAL	25		3,110,372
<b>MOORHEAD</b>			
STATE UNIVERSITY SYSTEM OF MINNESOTA--MOORHEAD STATE			
1R15 HL42681-01	MCLAREN, CHRISTINE E	UNIVERSITY MIXTURES OF RED BLOOD CELL VOLUME DISTRIBUTIONS	93,968
INSTITUTION TOTAL	1		93,968
CITY TOTAL	1		93,968
<b>ROCHESTER</b>			
MAYO FOUNDATION			
1S10 RR04658-01	AN, KAI-NAN	EXPERTVISION AUTOMATED MOTION ANALYSIS SYSTEM	150,000
1R01 DK42572-01	FITZPATRICK, LORRAINE A	REGULATION OF PARATHYROID CELL SECRETION	169,159
1R01 DK39337-01A1	SARR, MICHAEL G	ENTERIC PHYSIOLOGY AND FUNCTION OF THE TRANSPLANTED GUT	179,524
1R01 HL39762-01A1	SOMMER, STEVE S	DELINEATION OF CAUSATIVE MUTATIONS IN HEMOPHILIA B	134,091
INSTITUTION TOTAL	4		632,774

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

CITY TOTAL 4 632,774

STATE TOTAL 34 4,073,514

## MISSISSIPPI

## JACKSON

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

1R01 HL42402-01 ADAIR, THOMAS H

MICROCIRCULATORY ADAPTATIONS AND THEIR CONTROL 129,234

INSTITUTION TOTAL 1 129,234

CITY TOTAL 1 129,234

## UNIVERSITY

UNIVERSITY OF MISSISSIPPI

1R01 AI27094-01A1 CLARK, ALICE M

1R01 CA49578-01 FRATE, DENNIS A

1S15 CA51314-01 GRAVES, DAVID E

1R15 HL44381-01 PETERSON, JOHN R

NEW DRUGS FOR OPPORTUNISTIC INFECTIOUS DISEASES  
INSTITUTIONALIZING DIETARY CHANGES FOR CANCER PREVENTION  
SMALL INSTRUMENTATION PROGRAM  
NOVEL ANTAGONISTS OF PLATELET ACTIVATING FACTOR110,755  
242,200  
8,437  
108,000

INSTITUTION TOTAL 4 469,392

CITY TOTAL 4 469,392

STATE TOTAL 5 598,626

## MISSOURI

## COLUMBIA

UNIVERSITY OF MISSOURI-COLUMBIA

1S15 EY08454-01 GOLDBERG, HERBERT S

1S15 HL43935-01 KAHR, ROBERT F

1R01 AG08214-01 KAUSLER, DONALD H

1R01 GM40565-01A1 MC INTOSH, MARK A

1R01 AI28540-01 MULLEN, HELEN B

1R01 HD25414-01 PETERSON-HOMER, LIZETTE

1R15 DE09033-01 REDDY, CHADA S

1R01 GM41478-01A1 SMITH, GEORGE P

SMALL INSTRUMENTATION PROGRAM  
SMALL INSTRUMENTATION PROGRAM  
AGING AND RETRIEVAL PROCESSES IN ACTIVITY/ACTION MEMORY  
MOLECULAR ANALYSIS OF FERRIC ENTEROBACTIN TRANSPORT  
MECHANISM OF T CELL ACTIVATION BY TYPE 2 ANTIGENS  
PROCESS ANALYSIS OF CHILDREN'S INJURY AND NEAR INJURY  
MECHANISM OF CLEFT-PALATOGENESIS BY SECALONIC ACID D  
FILAMENTOUS FUSION PHASE38,783  
5,000  
87,707  
102,995  
114,113  
250,586  
103,125  
120,700

INSTITUTION TOTAL 8 823,009

CITY TOTAL 8 823,009

## ROLLA

BREWER SCIENCE, INC.

1R43 AR39781-01 FLAIM, TONY D

NEW HIGH STRENGTH HYDROGEL MATERIALS

45,330

INSTITUTION TOTAL 1 45,330



NTH  
RESEARCH GRANTSDOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

CITY TOTAL 1 45,330

## MISSOURI

## SAINT LOUIS

## JEWISH HOSPITAL OF ST. LOUIS

1P01 CA49712-01 DEUEL, THOMAS F

1S15 AR40206-01 MECHAM, ROBERT P

1R01 HL41926-01A1 MECHAM, ROBERT P

INSTITUTION TOTAL 3 1,444,924

## ST. LOUIS UNIVERSITY

1R01 CA49540-01 CARLIN, CATHLEEN R

1R13 AG08428-01 COE, RODNEY M

1R29 HD25024-01 DEVASKAR, SHERIN U

1R29 GM41409-01A1 WALLIS, JOHN W JR

INSTITUTION TOTAL 4 412,474

## WASHINGTON UNIVERSITY

1S15 GM43439-01 ACKERMAN, JOSEPH J

1R01 AI28716-01 ALLEN, PAUL M

1S10 RR04929-01 BIER, DENNIS M

1R01 AI28317-01 BRACIALE, THOMAS J

1R01 HL42427-01 CARNEY, ROBERT M

1R01 HL43418-01 DEAN, DOUGLAS C

1S10 RR04755-01 ELGIN, SARAH C

1S10 RR04723-01 HART, WILLIAM M, JR

1R01 CA50239-01 KORSMEYER, STANLEY J

1R01 DE09100-01 KRUKOWSKI, MARILYN

1S10 RR04919-01 MATHEWS, F SCOTT

1R01 AI28356-01 MOHANAKUMAR, THALACHALLOUR

1S15 AR40214-01 OSDOBY, PHILIP A

1R01 AG08377-01 RAICHLÉ, MARCUS E

1S10 RR04865-01 RAICHLÉ, MARCUS E

1R01 GM42972-01 THOMAS, LEWIS J, JR

1S10 RR04693-01 TURK, JOHN W

INSTITUTION TOTAL 17 3,061,904  
CITY TOTAL 24 4,919,302

STATE TOTAL 33 5,787,641

GENE REGULATION IN NORMAL AND TRANSFORMED CELLS  
SMALL INSTRUMENTATION PROGRAM  
CHARACTERIZATION OF THE ELASTIN/LAMININ RECEPTOR1,207,812  
37,661  
199,451EGF RECEPTOR DOWN-REGULATION BY ADENOVIRUS  
CARE OF THE AGED: APPLICATION OF HEALTH SERVICES RESEAR  
DEVELOPMENTAL REGULATION OF NEURON INSULIN-LIKE PEPTIDE  
GENETICS OF RECOMBINATION BETWEEN REPEATED ELEMENTS239,620  
4,940  
84,748  
83,166SMALL INSTRUMENTATION PROGRAM  
IDENTIFICATION AND ENHANCEMENT OF HIV-1 T CELL EPITOPES  
ISOTOPE RATIO MONITORING MASS SPECTROMETER  
HUMAN T LYMPHOCYTE RESPONSE TO VIRAL ANTIGENS  
DEPRESSION & CORONARY HEART DISEASE  
FIBRONECTIN AND ITS RECEPTOR IN LUNG DEVELOPMENT  
CONFOCAL SCANNING MICROSCOPE FACILITY  
OPHTHALMIC IMAGE ANALYSIS SYSTEM  
MOLECULAR ANALYSIS OF HUMAN CHROMOSOME SEGMENT 18Q21.3  
CHARGED BEADS: CRANIOFACIAL REPAIR AND AUGMENTATION  
RAPID X-RAY DATA COLLECTION SYSTEM  
IMMUNOREGULATORY ROLE OF ANTIIDIDIOTYPIC ANTIBODIES TO HLA  
SMALL INSTRUMENTATION PROGRAM  
BRAIN MICROVASCULATURE IN AGING AND DEMENTIA  
COMPUTER AND REPLACEMENT PARTS--POSITRON EMISSION TEST  
ADVANCED QUANTITATIVE IMAGING FOR DNA PHYSICAL MAPPING  
MASS SPECTROMETER37,651  
174,466  
270,000  
182,419  
252,643  
146,602  
170,000  
169,000  
138,746  
158,901  
165,000  
162,228  
5,208  
203,719  
360,000  
264,321  
201,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

MONTANA BOZEMAN MONTANA UNIVERSITY 1S15 GM43383-01 1R01 CA46330-01A1	SYSTEM--MONTANA STATE UNIVERSITY DRATZ, EDWARD A WEINERT, CLARANN	2 2	243,238 243,238	SMALL INSTRUMENTATION PROGRAM HOME CARE OF RURAL CANCER PATIENTS IN MONTANA	14,657 228,581
INSTITUTION TOTAL CITY TOTAL					
MISSOULA CHROMATOCHOM, INC. 1R43 AI28122-01	THOMPSON, HOLLY A	1	50,000	HIGH PERFORMANCE IMMUNOAFFINITY CHROMATOGRAPHY SUPPORTS	50,000
INSTITUTION TOTAL					
MONTANA UNIVERSITY 1S15 AI29065-01 1R13 GM42220-01	SYSTEM--UNIVERSITY OF MONTANA GRANATH, WILLARD O, JR HILL, WALTER E	2 3	8,000 58,000	SMALL INSTRUMENTATION PROGRAM INTERNATIONAL CONFERENCE ON RIBOSOMES	5,000 3,000
INSTITUTION TOTAL CITY TOTAL					
STATE TOTAL		5	301,238		
NEBRASKA LINCOLN UNIVERSITY OF NEBRASKA 1S15 GM43411-01	SYSTEM--UNIVERSITY OF NEBRASKA GUPTA, NABA K	1 1	14,179 14,179	SMALL INSTRUMENTATION PROGRAM	14,179
INSTITUTION TOTAL CITY TOTAL					
OMAHA CREEGHTON UNIVERSITY 1R03 DE09190-01 1S15 CA51252-01	AGRAWAL, DEVENDRA K DOWD, FRANK J	2	33,493	EFFECT OF PLATELET-ACTIVATING FACTOR ON OSTEOCLASTS SMALL INSTRUMENTATION PROGRAM	21,000 12,493
INSTITUTION TOTAL					
UNIVERSITY OF NEBRASKA 1S10 RR04739-01 1S15 CA51278-01	SYSTEM--UNIVERSITY OF NEBRASKA BRESNICK, EDWARD NAGEL, DONALD L			MEDICAL CENTER APPLIED BIOSYSTEMS PROTEIN SEQUENCER & PTH ANALYZER SMALL INSTRUMENTATION PROGRAM	175,000 20,595

NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NEBRASKA</b>			
<b>OMAHA</b>			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
1R15 AI28012-01	VENNERSTROM, JONATHAN L	OXIDANTS AS SITE-SPECIFIC ANTIMALARIALS	100,803
1S15 CA51258-01	WALDMAN, ROBERT H	SMALL INSTRUMENTATION PROGRAM	25,351
INSTITUTION TOTAL	4	321,749	
CITY TOTAL	6	355,242	

<b>PERU</b>			
PERU STATE COLLEGE			
1R15 AI28044-01	PAPPAS, CAROL D	CHEMOSYSTEMATIC GEOGRAPHIC VARIATION IN AEDES ALBOPICTUS	31,376
INSTITUTION TOTAL	1	31,376	
CITY TOTAL	1	31,376	
STATE TOTAL	8	400,797	

<b>NEVADA</b>			
<b>RENO</b>			
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO			
1P01 DK41315-01	SANDERS, KENTON M	REGULATORY MECHANISM IN COLONIC MOTILITY-PROGRAM PROJECT	985,399
1R25 CA48062-01A1	ST JEOR, SACHIKO T	CURRICULAR INTEGRATION OF NUTRITION IN CANCER AND HEALTH	162,275
1S15 HL43986-01	ST JEOR, SACHIKO T	SMALL INSTRUMENTATION PROGRAM	18,018
INSTITUTION TOTAL	3	1,165,692	
CITY TOTAL	3	1,165,692	
STATE TOTAL	3	1,165,692	

<b>NEW HAMPSHIRE</b>			
<b>DURHAM</b>			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE			
1R15 AI28698-01	GRIMES, DARRELL J	SURVIVAL OF PATHOGENIC BACTERIA IN OYSTERS	109,382
1R15 AI27930-01	PISTOLE, THOMAS G	BACTERIAL BINDING MOLECULES ON THE MACROPHAGE SURFACE	103,976
INSTITUTION TOTAL	2	213,358	
CITY TOTAL	2	213,358	

<b>HANOVER</b>			
DARTMOUTH COLLEGE			
1S15 CA51260-01	MCCOLLUM, ROBERT W	SMALL INSTRUMENTATION PROGRAM	66,556



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

10,397

## TITLE OF RESEARCH PROPOSAL

## SMALL INSTRUMENTATION PROGRAM

GRANT NUMBER PRINCIPAL INVESTIGATOR

NEW HAMPSHIRE  
HANOVER  
DARTMOUTH COLLEGE  
1S15 CA51338-01 PIPES, P BRUCE

INSTITUTION TOTAL 2 76,953  
CITY TOTAL 2 76,953

STATE TOTAL 4 290,311

NEW JERSEY  
MORRIS PLAINS  
NEW LIFE HEALTH PRODUCTS CORPORATION  
1R43 HL42738-01 FEY, MICHAEL S

49,997

## CLINICAL EVALUATION OF AN OTC SMOKING DETERRENT LOZENGE

INSTITUTION TOTAL 1 49,997  
CITY TOTAL 1 49,997

NEW BRUNSWICK  
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK  
1R01 HD25739-01 HUDSON, JUDITH A  
1R01 ES04738-01A1 LASKIN, DEBRA L  
1S15 CA51339-01 PRESTON, BRADLEY D  
1S15 GM43386-01 RUDCZYNSKI, ANDREW B  
1R13 ES05199-01 SNYDER, ROBERT  
1R29 CA49826-01 WEYAND, ERIC H

PLANNING IN THE PRESCHOOL YEARS  
ACTIVATED MACROPHAGES AND OZONE TOXICITY  
SMALL INSTRUMENTATION PROGRAM  
SMALL INSTRUMENTATION PROGRAM  
FOURTH INTERNATIONAL SYMPOSIUM ON BIOLOGICAL REACTIVE  
INITIATION OF MAMMARY CARCINOGENESIS IN THE RAT

77,707  
181,911  
6,090  
43,775  
10,000  
94,646

INSTITUTION TOTAL 6 414,129  
CITY TOTAL 6 414,129

NEWARK  
CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY  
1S15 CA51256-01 GOLD, DAVID V

14,672

## SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 1 14,672

RUTGERS THE STATE UNIVERSITY NEWARK  
1R15 NR02177-01 MAHON, NOREEN E

114,780

## CAUSES AND CONSEQUENCES OF LONELINESS DURING ADOLESCENCE

INSTITUTION TOTAL 1 114,780

UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY  
1S15 CA51290-01 HIRSCHBERG, ERICH

48,239

## SMALL INSTRUMENTATION PROGRAM

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NEW JERSEY</b>			
<b>NEWARK</b>			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1S10 RR05009-01	LEIBOWITZ, MICHAEL J		111,000
1R01 AI26652-01A1	MODAK, MUKUND J	AUTOMATED DNA SEQUENCER STRUCTURE-FUNCTION RELATION IN HIV REVERSE TRANSCRIPTION	196,418
INSTITUTION TOTAL	3	355,657	
CITY TOTAL	5	485,109	
<b>PARAMUS</b>			
NEUROGENETIC CORPORATION			
1R43 NS27797-01	HARTIG, PAUL R	ASSAY SYSTEM FOR CLONED GI-COUPLED RECEPTORS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
<b>PISCATAWAY</b>			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1R29 CA50777-01	DOUGHERTY, JOSEPH P	DETERMINATION OF RETROVIRUS MUTATION RATES	94,189
1S15 GM43389-01	MORRIS, NILS R	SMALL INSTRUMENTATION PROGRAM	51,426
INSTITUTION TOTAL	2	145,615	
CITY TOTAL	2	145,615	
<b>PRINCETON</b>			
PRINCETON UNIVERSITY			
1R01 GM42936-01	FRESCO, JACQUES R	SEQUENCE-SPECIFIC TRIPLE-STRANDED NUCLEIC ACID HELICES	200,245
1S15 GM43440-01	FRESCO, JACQUES R	SMALL INSTRUMENTATION PROGRAM	59,902
1R01 CA47767-01A1	ROTHMAN, JAMES E	RAS ONCOGENE-RELATED PROTEINS AND SECRETION	191,253
1S10 RR04732-01	SPIRO, THOMAS G	PURCHASE OF FTIR SPECTROMETER	178,000
INSTITUTION TOTAL	4	629,400	
CITY TOTAL	4	629,400	
<b>SOUTH PLAINFIELD</b>			
HERCON LABORATORIES CORPORATION			
1R43 HD22654-01	HOCHSTADT, JOY	IMPROVED CONTRACEPTIVE DRUG DELIVERY SYSTEM	47,830
INSTITUTION TOTAL	1	47,830	
CITY TOTAL	1	47,830	

NIH  
RESEARCH GRANTS

GRANT NUMBR	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
TEANECK			
FAIRLEIGH DICKINSON	UNIVERSITY TEANECK		
1R15 DE08957-01	SHAW, MARJORIE D	PRENATAL ETHANOL EFFECTS ON CRANIOFACIAL DEVELOPMENT	125,194
INSTITUTION TOTAL	1		125,194
CITY TOTAL	1		125,194
STATE TOTAL	21		1,947,274
NEW MEXICO			
ALBUQUERQUE			
LOVELACE MEDICAL FOUNDATION			
1R01 ES05180-01	LEY, RONALD D	LIFE-SHORTENING EFFECTS OF ENVIRONMENTAL UV EXPOSURE	117,052
INSTITUTION TOTAL	1		117,052
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1R01 HL43153-01	SAMET, JONATHAN M	IDIOPATHIC PULMONARY FIBROSIS: A CASE CONTROL STUDY	141,302
1R01 HL43529-01	WEISSMAN, DAVID N	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	80,300
INSTITUTION TOTAL	2		221,602
CITY TOTAL	3		338,654
LOS ALAMOS			
UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY			
1R01 CA50519-01	CHEN, DAVID J	MOLECULAR CLONING OF A HUMAN RADIATION REPAIR GENE	201,417
INSTITUTION TOTAL	1		201,417
CITY TOTAL	1		201,417
STATE TOTAL	4		540,071
NEW YORK			
ALBANY			
NEW YORK STATE COUNCIL FOR MENTAL HYGIENE PLANNING			
1R01 AI27217-01A1	SCHULLER-LEVIS, GEORGIA B	IMMUNOLGIC CONSEQUENCES OF TAURINE DEFICIENCY	77,813
INSTITUTION TOTAL	1		77,813
NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER			
1R01 ES05203-01	CARPENTER, DAVID O	FOR LABORATORIES AND RESEARCH MECHANISMS OF LEAD NEUROTOXICITY	127,460



NTH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
<b>NEW YORK</b>		
<b>ALBANY</b>		
NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER		
1S15 GM43443-01	DIAS, JAMES A	FOR LABORATORIES AND RESEARCH SMALL INSTRUMENTATION PROGRAM

31,076

INSTITUTION TOTAL	2	158,536
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<b>STATE UNIVERSITY OF NEW YORK AT ALBANY</b>		
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1S15 AG08791-01	GULLAHORN, JEANNE E	SMALL INSTRUMENTATION PROGRAM
1R13 GM42754-01	KARLIN, KENNETH D	FOURTH INTERNATIONAL CONF. ON BIOINORGANIC CHEMISTRY
1R13 GM42865-01	SARMA, RAMASWAMY H	SIXTH CONVERSATION--BIOMOLECULAR STEREODYNAMICS
1R01 AG08644-01	SPITZÉ, GLENNA D	FAMILY STRUCTURE AND INTERGENERATIONAL RELATIONS

34,818  
4,000  
2,000  
98,082

INSTITUTION TOTAL	4	138,900
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<b>UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV</b>		
1R29 ES05223-01	ASCHNER, MICHAEL	MN TRANSPORT ACROSS THE BLOOD-BRAIN BARRIER

114,457

INSTITUTION TOTAL	1	114,457
CITY TOTAL	8	489,706

**BUFFALO**  
MEDICAL FOUNDATION OF BUFFALO, INC.  
1R01 DK41387-01 SMITH, G DAVID

ALPHA-HELIX PROMOTION IN INSULIN HEXAMERS

141,654

INSTITUTION TOTAL	1	141,654
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<b>NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE</b>		
1S10 RR04824-01	ASCH, BONNIE B	CONFOCAL FLUORESCENCE IMAGING SYSTEM
1R01 CA47860-01A1	BHATTACHARYA-CHATTERJEE, MAL	IDIOTYPE APPROACH TO THERAPY OF HUMAN T CELL LEUKEMIA
1S15 CA51259-01	CHAPMAN, VERNE M	SMALL INSTRUMENTATION PROGRAM

154,000  
117,453  
75,360

INSTITUTION TOTAL	3	346,813
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<b>STATE UNIVERSITY OF NEW YORK AT BUFFALO</b>		
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1S15 HL43926-01	BROWN, GAIL P	SMALL INSTRUMENTATION PROGRAM
1S10 RR04744-01	DOYLE, DARRELL J	HIGH PERFORMANCE SYSTEM FOR THE ANALYSIS OF AMINO ACIDS
1S15 GM43382-01	FUNG, HO-LEUNG	SMALL INSTRUMENTATION PROGRAM
1S10 RR04702-01	OHKI, SHINPEI	FLUORESCENCE LIFETIME/PHASE MODULATED SPECTROMETER
1S15 GM43435-01	RENNIE, DONALD W	SMALL INSTRUMENTATION PROGRAM

4,967  
110,000  
10,828  
96,000  
19,396

INSTITUTION TOTAL	5	241,191
CITY TOTAL	9	729,658

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

NEW YORK					
COLD SPRING HARBOR					
COLD SPRING HARBOR	LABORATORY				
1R01 GM42699-01	KRAINER, ADRIAN R	3	399,829		180,059
1R01 GM42816-01	KURET, JEFFREY A	3	399,829		183,470
1S15 GM43449-01	ROBERTS, RICHARD J				36,300
INSTITUTION TOTAL					
CITY TOTAL					
COOPERSTOWN					
MARY IMOGENE BASSETT	HOSPITAL AND CLINICS				
1S15 CA51305-01	BOWERS, WILLIAM E	1	5,000		5,000
INSTITUTION TOTAL		1	5,000		
CITY TOTAL		1	5,000		
ELMSFORD					
MARROW-TECH, INC.					
1R43 AR40121-01	NAUGHTON, GAIL K	1	38,730		38,730
INSTITUTION TOTAL		1	38,730		
CITY TOTAL		1	38,730		
HEMPSTEAD					
HOFSTRA UNIVERSITY					
1R01 GM42563-01	PUMO, DOROTHY E	1	116,244		116,244
INSTITUTION TOTAL		1	116,244		
CITY TOTAL		1	116,244		
ITHACA					
CORNELL UNIVERSITY	ITHACA				
1S15 GM43457-01	BARKER, ROBERT M				49,513
1R01 GM40498-01A1	BEGLEY, TADHG P				136,855
1S10 RR04804-01	HESS, GEORGE P				150,000
1R01 DK41383-01	HOUPF, THOMAS R				84,113
1S15 AR40211-01	PHENISTER, ROBERT D				35,533
1R01 DK37301-01A3	WATFORD, MALCOLM				113,815
1R29 GM42893-01	WINANS, STEPHEN C				42,469
INSTITUTION TOTAL		7	612,298		
CITY TOTAL		7	612,298		

BIOCHEMISTRY OF PRE-MRNA SPLICING  
STRUCTURE & BIOLOGICAL FUNCTION OF YEAST CASEIN KINASE 1  
SMALL INSTRUMENTATION PROGRAM

SMALL INSTRUMENTATION PROGRAM

PHYSIOLOGICAL METHOD FOR THE GROWTH OF TISSUE IN VITRO

GENE REARRANGEMENTS IN MAMMALIAN MTDNA

SMALL INSTRUMENTATION PROGRAM  
MECHANISTIC STUDIES ON DNA PHOTOLYASE  
CELL-FLOW/LASER PHOTOLYSIS  
CONTROLS OF ANTICIPATORY, MEAL-RELATED WATER DRINKING  
SMALL INSTRUMENTATION PROGRAM  
HEPATIC GLUTAMINASE  
INTERACTIONS BETWEEN AGROBACTERIUM AND HOST PLANTS

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK LAKE PLACID W. ALTON JONES CELL SCIENCE CENTER 1S15 CA51263-01	SATO, GORDON H	SMALL INSTRUMENTATION PROGRAM	13,430

INSTITUTION TOTAL	1	13,430
CITY TOTAL	1	13,430

MANHASSET NORTH SHORE UNIVERSITY HOSPITAL 1S15 CA51341-01	RATTAZZI, MARIO C	SMALL INSTRUMENTATION PROGRAM	13,908
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INSTITUTION TOTAL	1	13,908
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ONCOGENE SCIENCE, INC. 1R43 CA49338-01	REYNOLDS, FREDERICK H	ANTIBODIES TO ACTIVATED MUTANT RAS ONCOGENE PROTEINS	50,000
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INSTITUTION TOTAL	1	50,000
CITY TOTAL	2	63,908

NEW HYDE PARK LONG ISLAND JEWISH MEDICAL CENTER 1R29 DK38917-01A2	GORRAY, KENNETH C	ALLOXAN RESISTANCE & ISLET REGENERATION	73,504
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INSTITUTION TOTAL	1	73,504
CITY TOTAL	1	73,504

NEW YORK AMERICAN HEALTH FOUNDATION 1S15 CA51361-01	WYNDER, ERNST L	SMALL INSTRUMENTATION PROGRAM	43,717
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INSTITUTION TOTAL	1	43,717
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CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK 1S15 EY08429-01 1R01 HD24676-01A1	LEVINE, LOUIS SLADE, ARIETTA	SMALL INSTRUMENTATION PROGRAM INFANTS AND THEIR MOTHERS: PATHWAYS TO SECURE ATTACHMENT	15,660 116,914
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INSTITUTION TOTAL	2	132,574
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CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE 1S15 CA51293-01	DIEM, MAX	SMALL INSTRUMENTATION PROGRAM	21,528
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INSTITUTION TOTAL	1	21,528
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NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>NEW YORK</b>			
<b>NEW YORK</b>			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		COMPUTER ASSISTED APPROACHES TO VACCINE & DRUG DESIGN	311,221
1R01 AI27471-01	DELISI, CHARLES	INSULIN ACTION IN THE POLYCYSTIC OVARY SYNDROME	210,910
1R01 DK40605-01A1	DUNAIF, ANDREA	MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM	86,885
1R01 HL43583-01	KOHTZ, DONALD S	EARLY PREGNANCY LOSS AMONG FEMALE OFFICE WORKERS	523,720
1R01 HD24618-01A1	MARCUS, MICHELE	GROWTH-RELATED GENES IN VASCULAR SMOOTH MUSCLE	169,614
1R01 HL43302-01	TAUBMAN, MARK B	LEAD TOXICITY AND THE ALA-DEHYDRATASE POLYMORPHISM	189,044
1R01 ES05046-01	WETMUR, JAMES	PEPTIDE SYNTHESIZER	116,000
1S10 RR04773-01	WILK, SHERWIN		
INSTITUTION TOTAL	7	1,607,394	
<b>CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE</b>			
1S15 CA51283-01	SZALAY, JEANNE	SMALL INSTRUMENTATION PROGRAM	7,994
INSTITUTION TOTAL	1	7,994	
<b>COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK</b>			
1S15 CA51355-01	BENDIXEN, HENRIK H	SMALL INSTRUMENTATION PROGRAM	88,232
1P01 AI26497-01	DECKELBAUM, RICHARD J	GIARDIASIS & CRPTOSPORIDIOSIS IN CHILDREN	273,609
1R01 GM42628-01	DRICKAMER, KURT	MOLECULAR MECHANISMS OF COMPLEX CARBOHYDRATE RECOGNITION	178,326
1S15 GM43503-01	FORMICOLA, ALLAN J	SMALL INSTRUMENTATION PROGRAM	25,100
1S10 RR04979-01	MAXFIELD, FREDERICK R	OPTICAL MICROSCOPY & IMAGE ANALYSIS FACILITY	400,000
1R01 CA50329-01	PRYWES, RON M	TRANSCRIPTIONAL REGULATION OF C-FOS	268,184
1R01 AR40032-01	RATCLIFFE, ANTHONY	TURNOVER OF CARTILAGE FROM ANIMAL MODELS OF OA & DISUSE	135,915
1R01 HD25335-01	ROBERTSON, ELIZABETH J	GENERATION OF DEVELOPMENTAL MUTANTS IN MICE	244,969
1S15 CA51332-01	ROSENFELD, ALLAN	SMALL INSTRUMENTATION PROGRAM	31,702
1R01 HL43528-01	WEINBERGER, OFRA	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	188,715
INSTITUTION TOTAL	10	1,834,752	
<b>CORNELL UNIVERSITY MEDICAL CENTER</b>			
1S10 RR04718-01	FISCHMAN, DONALD A	CONFOCAL MICROSCOPE FACILITY	149,000
1R01 HL42493-01	HAJJAR, KATHERINE A	ASSEMBLY OF THE FIBRINOLYTIC SYSTEM ON ENDOTHELIAL CELLS	253,974
1R01 DK40961-01A1	HALMI, KATHERINE A	COGNITIVE RESPONSES TO MEALS IN EATING DISORDERS	118,801
1R01 GM42482-01	HOLLOMAN, WILLIAM K	REC1 GENE CONTROLLING RECOMBINATION IN USTILAGO	203,738
1R01 HL44137-01	KUMAR, ASHOK	ROLE OF RENIN-ANGIOTENSIN SYSTEM IN HYPERTENSION	97,703
1R01 HL42540-01	SILVERSTEIN, ROY L	MOLECULAR AND CELL BIOLOGY OF A THROMBOSPONDIN RECEPTOR	170,346
1S15 HL43972-01	SISKIND, GREGORY W	SMALL INSTRUMENTATION PROGRAM	80,126
1R01 GM42461-01	STAIANO-COICO, LISA	CULTURED EPIDERMAL GRAFTS FOR BURN PATIENTS	203,778
INSTITUTION TOTAL	8	1,277,466	
<b>ENZO BIOCHEM, INC.</b>			
1R43 AI28155-01	BRAKEL, CHRISTINE L	ANTISENSE INDUCTION OF DISEASE RESISTANCE	49,029
INSTITUTION TOTAL	1	49,029	

49,029

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>NEW YORK</b>			
<b>HOSPITAL FOR SPECIAL SURGERY</b>			
1R01 AR40191-01	RIMNAC, CLARE M	DEGRADATION IN POLYETHYLENE JOINT COMPONENTS	136,644
1R01 AG08562-01	WILLIAMS, PAMELA	TRIAL OF EPIDURAL VERSUS GENERAL ANESTHESIA	100,185
1S15 CA51313-01	WRIGHT, TIMOTHY M	SMALL INSTRUMENTATION PROGRAM	13,430
INSTITUTION TOTAL	3	250,259	
<b>MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES</b>			
1R01 CA49784-01	KELSEN, DAVID P	PAIN ASSESSMENT IN PATIENTS WITH PANCREAS CANCER	71,029
1S15 CA51367-01	LARSON, STEVEN M	SMALL INSTRUMENTATION PROGRAM	37,000
INSTITUTION TOTAL	2	108,029	
<b>MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH</b>			
1P01 CA47997-01A1	BERTINO, JOSEPH R	REGIONAL CHEMOTHERAPY OF LIVER METASTASIS--COLON CANCER	546,254
1R01 CA49096-01A1	DUPONT, BO	SERINE ESTERASES IN HUMAN CYTOLYTIC LYMPHOCYTES	267,077
1R01 A128771-01	GILBOA, ELI	ANTISENSE RNA INHIBITION OF HIV VIA RETROVIRAL VECTORS	229,731
1R24 RR05254-01	MYERS, DAVID D	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	273,773
1S15 CA51308-01	RIFKIND, RICHARD A	SMALL INSTRUMENTATION PROGRAM	78,550
1R01 GM42498-01	SHUMAN, STEWART H	VACCINIA VIRUS MRNA TRANSCRIPTION TERMINATION	207,124
INSTITUTION TOTAL	6	1,602,509	
<b>MONTEFIORE MEDICAL CENTER</b>			
1R01 CA47512-01A1	HERZ, FRITZ	SELECTED MARKERS IN NONINVASIVE BLADDER TUMORS	194,201
INSTITUTION TOTAL	1	194,201	
<b>NEW YORK ACADEMY OF SCIENCES</b>			
1R13 DK42261-01	CHANDRA, RANJIT K	CONFERENCE ON "MICRONUTRIENT EFFECTS ON IMMUNE FUNCTION"	15,000
1R13 HD25525-01	CONRAD, GARY W	MECHANISMS OF FURROW FORMATION DURING CELL DIVISION	8,378
1R13 AR39839-01	FLEISCHMAJER, RAUL	STRUCTURE MOLECULAR BIOLOGY PATHOLOGY OF COLLAGEN	5,000
1R13 HL43225-01	JALIFE, JOSE	MATHEMATICAL APPROACHES TO CARDIAC ARRHYTHMIAS	18,000
1R13 AG08616-01	KRONENBERG, FREDI	MULTIDISCIPLINARY PERSPECTIVES ON REPRODUCTIVE AGING	33,722
INSTITUTION TOTAL	5	80,100	
<b>NEW YORK UNIVERSITY</b>			
1R01 A128256-01	DANCIS, JOSEPH	PLACENTAL TRANSFER & METABOLISM OF DRUGS FOR AIDS	100,323
1S15 AG08793-01	FARBER, SAUL J	SMALL INSTRUMENTATION PROGRAM	79,851
1R01 CA49507-01	GOLD, LESLIE I	DISTRIBUTION AND FUNCTIONAL ASPECTS OF TGF-BETA-3	154,426
1R01 ES04947-01A1	GORDON, TERRY	MECHANISMS OF AIRWAY RESPONSES TO ORGANIC DUSTS	152,904
1S15 CA51311-01	LAVERS, GENE C	SMALL INSTRUMENTATION PROGRAM	6,811



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>NEW YORK UNIVERSITY</b>			
1R01 CA49419-01	WILSON, E LYNETTE	THE ROLE OF PLASMINOGEN ACTIVATORS IN MYELOPOIESIS	202,289
INSTITUTION TOTAL	6	696,604	
<b>PERMEABLE CONTACT LENSES, INC.</b>			
1R43 EY08164-01	WEINTRAUB, LESTER	IMPROVED CONTACT LENSES BY GROUP TRANSFER POLYMERIZATION	50,000
INSTITUTION TOTAL	1	50,000	
<b>PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.</b>			
1S15 GM43453-01	BECK, DAVID P	SMALL INSTRUMENTATION PROGRAM	29,147
INSTITUTION TOTAL	1	29,147	
<b>RIVERSIDE RESEARCH INSTITUTE</b>			
1S15 CA51312-01	FELEPPA, ERNEST JOSEPH	SMALL INSTRUMENTATION PROGRAM	9,734
INSTITUTION TOTAL	1	9,734	
<b>ROCKEFELLER UNIVERSITY</b>			
1R29 CA49472-01	DAILEY, LISA A	REGULATORY MECHANISMS IN THE GI PHASE OF THE CELL CYCLE	106,202
1R01 GM42357-01	FRIEDMAN, JEFFREY M	MOLECULAR MAPPING OF THE MOUSE GENOME	433,311
1R01 HD25543-01	MOBBS, CHARLES V	HEAT-SHOCK-LIKE GENE REGULATION BY REPRODUCTIVE HORMONES	120,475
1S15 CA51340-01	NOWACK, MARY P	SMALL INSTRUMENTATION PROGRAM	81,873
1R01 HL41935-01A1	TAM, JAMES P	CYSTEINYL-RICH DOMAIN IN BLOOD CLOTTING FACTORS	187,787
1R01 AI27913-01	TUOMANEN, ELAINE I	PNEUMOCOCCAL CELL WALL IN MENINGITIS	239,705
1R01 AG08245-01	VLASSARA, HELEN	REGULATION OF TISSUE REMODELING IN AGING AND DIABETES	154,763
INSTITUTION TOTAL	7	1,324,116	
<b>ST. LUKE'S-S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES</b>			
1R01 HL43628-01	VOLSKY, DAVID J	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	189,128
INSTITUTION TOTAL	1	189,128	
<b>STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN</b>			
1R01 DK39950-01A1	ANDERSEN, DANA K	SURGERY OF THE PANCREAS--EFFECTS ON GLUCOSE METABOLISM	198,582
1R01 CA47548-01A1	NORIN, ALLEN J	CELL SURFACE TARGET OF IL-2 ACTIVATED KILLER CELLS	165,700
1R01 HL43159-01	SIDDQUI, M A Q	REGULATORY FACTORS IN CARDIAC ADAPTATION TO HEMODYNAMIC	198,965
1R01 GM40614-01A1	VOLKERT, FREDRIC C	CONTROL OF YEAST PLASMID INHERITANCE AND GENE EXPRESSION	129,831
INSTITUTION TOTAL	4	693,078	



NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

NEW YORK					
NEW YORK					
YESHIVA UNIVERSITY					
1R01 HD25416-01	BIJUR, POLLY E				142,710
1P01 AI26491-01	BLOOM, BARRY R				336,165
1R01 DK41544-01	CARRASCO, NANCY				140,348
1S10 RR04900-01	GUPTA, RAJ K				400,000
1S10 RR04877-01	KHAN, SHAHID M				138,000
1S15 CA51262-01	PURPURA, DOMINICK P				89,498
1P30 DK41296-01	SHAFRITZ, DAVID A				750,000
1S10 RR04812-01	SHIELDS, DENNIS				271,000
1R13 DK41327-01	SPITZER, ADRIAN				10,000
1S10 RR04896-01	SPRAY, DAVID C				112,000
1R01 GM42728-01	WILLIS, IAN M				199,001
INSTITUTION TOTAL	11				
CITY TOTAL	80				
					2,588,722
					12,790,081

## PLATTSBURGH

STATE UNIVERSITY OF NEW YORK--COLLEGE AT PLATTSBURGH	
1R01 AG07794-01A1	STOLLER, ELEANOR P

SELF CARE-LAY RESPONSE TO ILLNESS

243,808

INSTITUTION TOTAL	1
CITY TOTAL	1

	243,808
	243,808

## PURCHASE

STATE UNIVERSITY OF NEW YORK--COLLEGE AT PURCHASE	
1R15 AG08383-01	FONER, NANCY

NURSING HOME WORKERS &amp; PATIENT CARE: A CASE STUDY

87,443

INSTITUTION TOTAL	1
CITY TOTAL	1

	87,443
	87,443

## ROCHESTER

PRAXIS BIOLOGICS, INC.	
1R43 AI28132-01	BEURRET, MICHAEL
1R43 AI28159-01	MAJARIAN, WILLIAM R
1R43 AI28158-01	SABARA, MARTA I

SYNTHETIC GLYCO-CONJUGATE VACCINE AGAINST MENINGOCOCCI  
RECOMBINANT FLAGELLIN VACCINES  
RECOMBINANT ROTAVIRUS PROTEINS FOR SUBUNIT VACCINE

50,000  
46,876  
43,136

INSTITUTION TOTAL	3
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	140,012
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## ROCHESTER INSTITUTE OF TECHNOLOGY

1R15 EY08094-01	EVANS, IRENE M
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OCULAR PATHOLOGY--RETINAL ENDOTHELIAL CELL PROLIFERATION

102,194

INSTITUTION TOTAL	1
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	102,194
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NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>ROCHESTER</b>			
UNIVERSITY OF ROCHESTER			
1S10 RR04968-01	BOHN, MARTHA D	PROTEIN DATABASE WORKSTATION	202,000
1R01 GM41097-01A1	COSTA-CASNELLIE, MARIA R	THE NA+/H+ EXCHANGER IN HUMAN GRANULOCYTTIC CELLS	111,979
1R01 GM40440-01A1	FALANY, CHARLES N	STRUCTURE AND REGULATION OF RAT ARYL SULFOTRANSFERASES	116,075
1S15 AR40212-01	LICHTMAN, MARSHALL A	SMALL INSTRUMENT GRANT	74,976
1S15 CA51356-01	MCCOWN, DARLENE E	SMALL INSTRUMENTATION PROGRAM	6,565
1R01 DE08921-01	MELVIN, JAMES E	PHYSIOLOGY OF MUCUS-SECRETING SALIVARY GLANDS	144,606
1R01 ES05177-01	SCHIFFER, RANDOLPH B	EFFECTS OF ENVIRONMENTAL TRACE METALS	80,750
1S15 GM43408-01	THOMPSON, BRIAN J	SMALL INSTRUMENTATION PROGRAM	15,000
INSTITUTION TOTAL			8 751,951
CITY TOTAL			12 994,157
<b>SARANAC LAKE</b>			
TRUDEAU INSTITUTE, INC.			
1R01 AI27791-01	JOHNSON, LAWRENCE L	BASIS OF NATURALLY ACQUIRED IMMUNOLOGICAL TOLERANCE	153,046
1S15 AI29025-01	NORTH, ROBERT J	SMALL INSTRUMENTATION PROGRAM	12,550
INSTITUTION TOTAL			2 165,596
CITY TOTAL			2 165,596
<b>STONY BROOK</b>			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1S15 CA51307-01	COHEN, JORDAN J	SMALL INSTRUMENTATION PROGRAM	66,576
1S15 GM43405-01	SCHNEIDER, ROBERT F	SMALL INSTRUMENTATION PROGRAM	39,952
INSTITUTION TOTAL			2 106,528
CITY TOTAL			2 106,528
<b>SYRACUSE</b>			
GLOTTAL ENTERPRISES			
1R43 NS27401-01	ROTHENBERG, MARTIN	NEW ELECTROGLOTTOGRAPH	50,000
INSTITUTION TOTAL			1 50,000
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1R01 GM42360-01	LANE, MICHAEL J	HUMAN RESTRICT MAP DERIVED FROM GENOMIC INSERTION DATA	178,644
1R01 DK40456-01A1	MESSINA, JOSEPH L	INSULIN'S REGULATION OF THREE HEPATIC MESSENGER RNAS	119,631
INSTITUTION TOTAL			2 298,275

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

NEW YORK				
SYRACUSE				
SYRACUSE UNIVERSITY AT SYRACUSE				
IR01 DK40608-01A1	ENNS, CAROLINE A			144,302
1S15 AG08778-01	HIEMAE, KAREN M			30,034
IR01 NS24175-01A2	TURNER, CHRISTOPHER W			107,374
INSTITUTION TOTAL	3	281,710		
CITY TOTAL	6	629,985		
TROY				
RENSELAER POLYTECHNIC INSTITUTE				
1S10 RR04704-01	BOYLEN, CHARLES W			246,000
1S15 GM43418-01	DIWAN, JOYCE J			13,620
INSTITUTION TOTAL	2	259,620		
CITY TOTAL	2	259,620		
UPTON				
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY				
IR01 GM42796-01	RAMAKRISHNAN, VENKATRAMAN R			146,781
1S15 CA51363-01	SETLOW, RICHARD B			36,329
INSTITUTION TOTAL	2	183,110		
CITY TOTAL	2	183,110		
UTICA				
MASONIC MEDICAL RESEARCH LABORATORY, INC.				
1R29 HL43148-01	LUKAS, ANTON			124,182
INSTITUTION TOTAL	1	124,182		
CITY TOTAL	1	124,182		
VALHALLA				
NEW YORK MEDICAL COLLEGE				
1S15 HL43977-01	LASKER, LORRAINE			56,524
INSTITUTION TOTAL	1	56,524		
CITY TOTAL	1	56,524		



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

NEW YORK  
VALLEY COTTAGE  
LABORATORY FOR CLINICAL INVESTIGATION  
1R43 CA49345-01  
INSTITUTION TOTAL 1 46,840  
CITY TOTAL 1 46,840  
STATE TOTAL 145 18,230,181

46,840

NEUROBLASTOMA SCREENING IN ASYMPTOMATIC CHILDREN

NORTH CAROLINA  
BUIES CREEK  
CAMPBELL UNIVERSITY  
1R15 ES05118-01  
INSTITUTION TOTAL 1 82,500  
CITY TOTAL 1 82,500

82,500

EVALUATION OF DEHP-PLASTICIZER TOXICITY MECHANISMS

CHAPEL HILL  
UNIVERSITY OF NORTH  
1R01 HL43174-01  
1R01 AG07230-01A1  
1R13 GM42982-01  
1S10 RR05002-01  
1S15 AI29061-01  
1R01 HL42075-01A1  
1R01 DK40247-01A1  
1R29 GM42501-01  
1S10 RR04980-01  
1R01 HD25482-01  
1R01 AR39480-01A1  
1R01 HL42320-01  
INSTITUTION TOTAL 12 1,457,368  
CITY TOTAL 12 1,457,368

207,198  
58,859  
4,000  
97,000  
18,080  
228,506  
219,682  
83,294  
89,000  
104,061  
161,998  
185,690

CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL  
MOLECULAR CONTROL OF ANGIOGENESIS  
DYNAMICS OF RETIREMENT BEHAVIOR OF INDIVIDUALS  
DIGITIZED VIDEO MICROSCOPY  
PROPOSAL FOR AN AUTOMATED DNA SEQUENCING FACILITY  
SMALL INSTRUMENTATION PROGRAM  
CARDIOPULMONARY GEOMETRY AND BLOOD FLOW IN GROWING LAMBS  
INTESTINAL ADAPTATION--ROLE OF HORMONES & GROWTH FACTORS  
GENETIC REVERSION AND NMR AS PROBES OF PROTEIN STRUCTURE  
VOICE PRODUCTION PROCESSES INSTRUMENTATION SYSTEM  
CONTRACEPTIVE CHOICE IN A CHANGING ENVIRONMENT  
REGULATION OF INFLAMMATION IN EXPERIMENTAL ARTHRITIS  
COMMUNITY STRUCTURE AND CARDIOVASCULAR MORTALITY TRENDS

DURHAM  
DUKE UNIVERSITY  
1R01 HL42660-01  
1S15 HL44029-01  
1S10 RR04675-01  
1R01 HL43028-01  
INSTITUTION TOTAL 12 1,457,368  
CITY TOTAL 12 1,457,368

298,155  
90,722  
146,000  
429,087

PATTERNS OF CARDIOVASCULAR REACTIVITY IN BLACKS  
SMALL INSTRUMENTATION PROGRAM  
CONFOCAL FLUORESCENCE SCANNING IMAGING SYSTEM  
BEHAVIORAL TREATMENT OF TRANSIENT MYOCARDIAL ISCHEMIA

NTH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NORTH CAROLINA</b>			
<b>DURHAM</b>			
<b>DUKE UNIVERSITY</b>			
1R01 ES04074-01A4	BROUWER, MARIUS	BIOLOGICAL FUNCTION OF COPPER-METALLOTHIONEIN	137,235
1R13 AG08532-01	COHEN, HARVEY J	AGS SUMMER WORKSHOP--GERIATRICS CLINICAL RESEARCH METHOD	39,800
1R01 HL42609-01	CRAPO, JAMES D	SITES OF OXIDANTS AND ANTIOXIDANTS IN LUNG CELLS	201,803
1R01 HL38245-01A2	GREENBERG, CHARLES S	ROLE OF FACTOR XIII BINDING TO THE HEMOSTATIC PLUG	129,894
1S15 GM43384-01	HOCHMUTH, ROBERT M	SMALL INSTRUMENTATION PROGRAM	32,242
1R01 HL43339-01	PIZZO, SALVATORE V	LIPOPROTEIN (A), COAGULATION AND FIBRINOLYSIS	109,955
1R01 AR39603-01A1	SCHACHAT, FREDERICK H	PHYSIOLOGICAL ADAPTATION AND MUSCLE PROTEIN TRANSITIONS	162,068
1R01 HL43256-01	THET, LYN A	MECHANISMS OF REPAIR OF HYPEROXIC LUNG INJURY	163,167
INSTITUTION TOTAL			1,940,128
<b>UNIVERSITY OF NORTH CAROLINA</b>			
1R15 AI28042-01	MAYFIELD, JOHN E	CLINICAL SIGNIFICANCE OF AIRBORNE FUNGAL SPORES	95,958
INSTITUTION TOTAL			95,958
CITY TOTAL			95,958
<b>GREENSBORO</b>			
1R15 HD25707-01	GUTTENTAG, ROBERT E	SEMANTIC MEMORY EFFECTS ON CHILDREN'S MEMORIZATION	102,821
INSTITUTION TOTAL			102,821
CITY TOTAL			102,821
<b>GREENVILLE</b>			
1S15 HL43974-01	HALLOCK, JAMES A	SMALL INSTRUMENTATION PROGRAM	14,767
1R01 AR39299-01A1	KASPEREK, GEORGE J	EFFECT OF EXERCISE ON PROTEIN DEGRADATION	116,612
INSTITUTION TOTAL			131,379
CITY TOTAL			131,379
<b>RALEIGH</b>			
1R43 AG08400-01	MACE, RONALD L	AN ADAPTABLE BATHING FIXTURE FOR ELDERLY DISABLED USERS	48,092
INSTITUTION TOTAL			48,092
CITY TOTAL			48,092

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

NORTH CAROLINA RESEARCH TRIANGLE PARK RESEARCH TRIANGLE INSTITUTE 1S15 CA51297-01	WALL, MONROE E		
INSTITUTION TOTAL	1	15,500	15,500
TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION 1R43 AG08402-01	LORD, CHARLES J		
INSTITUTION TOTAL	1	50,000	50,000
CITY TOTAL	2	65,500	
WINSTON-SALEM WAKE FOREST UNIVERSITY 1R15 AR39882-01	MESSIER, STEPHEN P		
1S15 EY08433-01	PENRY, J KIFFIN		
1S15 HL44025-01	REJESKI, WALTER J		
INSTITUTION TOTAL	3	171,458	104,355
CITY TOTAL	3	171,458	62,003
STATE TOTAL	35	4,095,204	5,100
OHIO BOWLING GREEN BOWLING GREEN STATE UNIVERSITY AT BOWLING GREEN 1S15 GM43406-01	LEONTIS, NEOCLIES B		
INSTITUTION TOTAL	1	5,000	5,000
CITY TOTAL	1	5,000	
CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1R01 AR39979-01	GLASS, DAVID N		
INSTITUTION TOTAL	1	122,535	122,535
UNIVERSITY OF CINCINNATI AT CINCINNATI 1R01 AR38719-01A2	BUTLER, DAVID L		
1S15 CA51276-01	DHAWAN, ATAM P		
1R01 ES04840-01A1	FOULKES, ERNEST C		
			172,032
			12,980
			115,936



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

IN-VIVO KNEE LIGAMENT FORCES  
SMALL INSTRUMENTATION PROGRAM  
FATTY ACID BINDING PROTEINS-LIGAND SPECIFICITY  
CARDIOVASCULAR CA ANTAGONIST RECEPTORS: STRUCTURE-FUNCTI

191,248  
78,410  
133,101  
243,734

GRANT NUMBER PRINCIPAL INVESTIGATOR

OHIO

CINCINNATI

UNIVERSITY OF CINCINNATI AT CINCINNATI

1R01 AR39703-01A1 GROOD, EDWARD S  
1S15 HL44032-01 HUTTON, JOHN J  
1R01 DK41402-01 SCHROEDER, FRIEDHELM  
1R01 HL43231-01 SCHWARTZ, ARNOLD

INSTITUTION TOTAL 7 947,441  
CITY TOTAL 8 1,069,976

CLEVELAND

CASE WESTERN RESERVE

1R29 AI27317-01 UNIVERSITY  
BLANTON, RONALD EDWARD  
1R01 HL42814-01 BRITTENHAM, GARY M  
1R01 AR40004-01 DAVY, DWIGHT T  
1P01 HL41618-01A1 DOUGLAS, JANICE G  
1R01 DK41684-01 DUNN, MICHAEL J  
1R01 CA48763-01 ELMETS, CRAIG A  
1R37 AG08155-01 GAMBETTI, PIERLUIGI  
1R01 HL41178-01A1 GRAHAM, LINDA M  
1R37 AG07823-01A1 KAHANA, EVA F  
1R01 HL42131-01A1 KATZ, DAVID M  
1R01 AG08887-01 LASEK, RAYMOND J  
1R01 CA49384-01 MC COY, GEORGE D  
1S10 RR05051-01 OLEINICK, NANCY L  
1R01 HL43571-01 RICH, ELIZABETH A  
1R01 AG08886-01 ROBBINS, NORMAN  
1R29 GM41385-01A1 SEDENSKY, MARGARET M  
1R01 HL38193-01A2 SINGER, LYNN T

INSTITUTION TOTAL 17 3,473,786

CLEVELAND CLINIC FOUNDATION

1R01 AI26121-01A1 CATHCART, MARTHA K  
1R01 HL41888-01A1 HARASAKI, HIROAKI  
1S15 HL43928-01 HEALY, BERNADINE  
1S10 RR04871-01 MISONO, KUNIO

INSTITUTION TOTAL 4 486,552

MOUNT SINAI MEDICAL

1S15 HL43951-01 CENTER  
LEVY, MATTHEW N

INSTITUTION TOTAL 1 6,410  
CITY TOTAL 22 3,966,748

GENE REGULATION DURING TRANSFORMATION IN SCHISTOSOMA  
CHELATION THERAPY OF IRON OVERLOAD WITH PIH  
PATELLAR GEOMETRY & KNEE EXTENSOR MECHANICS  
VASOACTIVE HORMONES: RECEPTORS AND SIGNALING MECHANISMS  
EICOSANOIDS & PLATELET ACTIVATING FACTOR IN RENAL INJURY  
SKIN CANCER--IMMUNOTOXIC MECHANISMS  
MOLECULAR PATHOLOGY OF ALZHEIMER DISEASE  
ROLE OF ENDOTHELIUM IN GRAFT INTIMAL HYPERPLASIA  
ADAPTATION TO FRAILTY AMONG DISPERSED ELDERLY  
REGULATION OF CAROTID BODY AFFERENT DEVELOPMENT  
AGING CHANGES IN NEURONAL FUNCTION AND STRUCTURE  
ORAL CANCER: ETIOLOGICAL ROLE OF TOBACCO AND ALCOHOL  
X RAY GENERATOR  
ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS  
MECHANISMS OF AGING AT THE NEUROMUSCULAR JUNCTION  
MOLECULAR PHARMACOLOGY OF ANESTHETICS IN C ELEGANS  
DEVELOPMENTAL SEQUELAE OF SEVERE CHRONIC LUNG DISORDERS

88,952  
217,719  
161,854  
852,432  
171,000  
92,807  
201,214  
198,994  
173,229  
136,650  
186,852  
108,594  
160,000  
192,560  
204,384  
122,825  
203,720139,552  
205,694  
40,306  
101,000

IMMUNOSUPPRESSION BY AN INHIBITOR OF INTERLEUKIN 2  
PATHOGENESIS AND PREVENTION OF VALVE CALCIFICATION  
SMALL INSTRUMENTATION PROGRAM  
AMINO ACID ANALYSIS/PEPTIDE SYNTHESIS FACILITY

SMALL INSTRUMENTATION PROGRAM

6,410

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>OHIO</b>			
<b>COLUMBUS</b>			
OHIO STATE UNIVERSITY	AU, JESSIE L	PHARMACODYNAMICS OF AGENTS FOR BLADDER CANCER	133,025
1R01 CA49816-01	BRÜEGGEMEIER, ROBERT W	SMALL INSTRUMENTATION PROGRAM	9,309
1S15 CA51279-01	BURGHESE, ARTHUR M	DETERMINATION OF PROTEINS ASSOCIATED WITH DYSTROPHIN	90,530
1R29 AR40015-01	DEAN, DONALD H	FUNCTIONAL DOMAINS OF BACILLUS THURINGIENSIS ENDOTOXIN	124,721
1R01 AI29092-01	DEANLINGER, DAVID L	REGULATION OF METAMORPHOSIS BEHAVIOR IN THE TSETSE FLY	58,965
1R01 AI26178-01A1	FOX, ROBERT A	AGE-RELATED CHANGES IN THE PERCEPTION OF SPEECH	90,989
1R01 AG08353-01	HENRY, MITCHELL L	EX VIVO XENOANTIBODY ADSORPTION	99,340
1R29 AI28478-01	IVES, DAVID H	DEOXYCYTIDINE KINASE: REGULATION & MOLECULAR BIOLOGY	150,286
1R01 CA47828-01A1	KING, MARITA M	CATALYTIC SITES OF TWO CALMODULIN-DEPENDENT ENZYMES	83,158
1R01 GM42535-01	KLAPPER, MICHAEL H	COMPUTER GRAPHICS FACILITY	50,000
1S10 RR04832-01	MULLER, MARK T	IMMEDIATE EARLY GENE REGULATION IN HERPES SIMPLEX VIRUS	183,849
1R01 AI28362-01	OLSON, LYNNE E	SMALL INSTRUMENTATION PROGRAM	7,024
1S15 AI29057-01	PLATZ, MATTHEW S	HEWLETT PACKARD GC-FTIR-MS INSTRUMENT	100,000
1S10 RR04728-01	RALL, JACK A	FRONTIERS/SMOOTH MUSCLE RESEARCH--EMIL BOZLER SYMPOSIUM	4,000
1R13 AR40035-01	STARLING, RANDALL C	CORONARY PHENOTYPIC MODULATION AFTER CARDIAC TRANSPLANT	138,214
1R01 HL43370-01	SWEENEY, THOMAS L	SMALL INSTRUMENTATION PROGRAM	43,277
1S15 GM43484-01	WEWERS, MARK D	REGULATION OF MACROPHAGE INTERLEUKIN-1 BETA PRODUCTION	108,401
1R29 HL40871-01A1	YATES, ALLAN J	ROLE OF GANGLIOSIDES IN THE PATHOGENESIS OF GLIOMAS	165,586
1R01 CA50486-01			
INSTITUTION TOTAL	18		85,057
CITY TOTAL	18		161,754
<b>KENT</b>			
KENT STATE UNIVERSITY AT KENT	MERRIMAN, WILLIAM E	MUTUAL EXCLUSIVITY BIAS IN CHILDREN'S WORD LEARNING	
1R29 HD25958-01	WALZ, FRÉDERICK G, JR	POLYMORPHISM & GENETIC LINKAGE OF RAT CYTOCHROMES P-450	
1R01 GM40289-01A1			
INSTITUTION TOTAL	2		50,000
CITY TOTAL	2		
<b>LAKEWOOD</b>			
EVENING STAR PRODUCTIONS OF OHIO	STERNES, RONNI S	VIDEO PROGRAMMING AND FORMATS TO ENHANCE OLDER ADULT FUN	
1R43 AG08605-01			
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
<b>OXFORD</b>			
MIAMI UNIVERSITY OXFORD	WILSON, DAVID F	PRESYNAPTIC REGULATION OF NEUROTRANSMITTER RELEASE	
1R15 NS27260-01			
INSTITUTION TOTAL	1		99,947

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1		99,947
<b>OHIO</b>			
<b>TOLEDO</b>			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
1S15 AI29019-01	STANDAERT, FRANK G	SMALL INSTRUMENTATION PROGRAM	22,959
1R29 HL43034-01	WANG, SUE M	REGULATION OF RENIN GENE EXPRESSION IN DAHL RATS	98,812
INSTITUTION TOTAL	2		121,771
<b>UNIVERSITY OF TOLEDO</b>			
1S15 CA51292-01	FUNK, MAX O	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	3		126,771
STATE TOTAL	56		7,205,927
<b>OKLAHOMA</b>			
<b>NORMAN</b>			
UNIVERSITY OF OKLAHOMA NORMAN			
1S15 GM43413-01	DRYHURST, GLENN	SMALL INSTRUMENTATION PROGRAM	16,238
1R01 GM41878-01	ROE, BRUCE A	AUTOMATED METHODS FOR SEQUENCING THE HUMAN C-ABL GENE	197,539
INSTITUTION TOTAL	2		213,777
CITY TOTAL	2		213,777
<b>OKLAHOMA CITY</b>			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
1R01 HL44225-01	MORRISSEY, JAMES H	INITIATION OF THE COAGULATION CASCADE BY VASCULAR CELLS	127,039
1R01 AI26928-01A1	SUNG, SUN-SANG J	HUMAN LYMPHOCYTE PRODUCTION OF TUMOR NECROSIS FACTOR	112,023
1R29 AI27181-01A1	TARGOFF, IRA N	AUTOANTIBODIES IN DERMATOMYOSITIS	83,808
1S15 HL43943-01	THURMAN, WILLIAM G	SMALL INSTRUMENTATION PROGRAM	38,240
INSTITUTION TOTAL	4		361,110
<b>UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER</b>			
1S15 HL43978-01	KNISELY, WILLIAM H	SMALL INSTRUMENTATION PROGRAM	33,578
INSTITUTION TOTAL	1		33,578
CITY TOTAL	5		394,688



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER PRINCIPAL INVESTIGATOR

OKLAHOMA			
STILLWATER			
OKLAHOMA STATE UNIVERSITY STILLWATER			
1S15 AI29015-01	LESSLEY, BRUCE A		
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	5,000
TULSA			
ORAL ROBERTS UNIVERSITY			
1S15 AI29050-01	EDWARDS, LARRY D		
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	5,000
STATE TOTAL	9	618,465	
OREGON			
BEAVERTON			
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH			
1S15 GM43438-01	LOEHR, THOMAS M		
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	1	5,000	5,000
EUGENE			
MOLECULAR PROBES, INC.			
1R43 CA49328-01	HAUGLAND, RICHARD P		
INSTITUTION TOTAL	1	50,000	
OREGON RESEARCH INSTITUTE			
1S15 CA51318-01	ARY, DENNIS V		
1S15 CA51317-01	SUSMAN, MILLARD		
INSTITUTION TOTAL	2	97,146	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
1S10 RR04926-01	DAHLQUIST, FREDERICK W		
1S10 RR04992-01	KEANA, JOHN F		
INSTITUTION TOTAL	2	519,000	
CITY TOTAL	5	666,146	

PHOTOCHEMOTHERAPY: SYNTHESIS OF NOVEL PHOTOSENSITIZERS

50,000

SMALL INSTRUMENTATION PROGRAM  
SMALL INSTRUMENTATION PROGRAM15,819  
81,327SHARED 500 MHZ NMR SPECTROMETER  
ELECTRON SPIN RESONANCE SPECTROMETER400,000  
119,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

## OREGON

## PORTLAND

GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER  
1R29 AG07933-01 ERICKSON, KENNETH R

EVOKED POTENTIALS EARLY ALZHEIMERS DISEASE DETECTION  
90,304

INSTITUTION TOTAL 1 90,304

MEDICAL RESEARCH FOUNDATION OF OREGON  
1S10 RR04742-01 FAHRENBACH, WOLF H

IMAGE ANALYSIS SYSTEM  
144,000

INSTITUTION TOTAL 1 144,000

## OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY

1R29 DK40935-01A1 ANDERSON, GREGORY J  
1S10 RR04665-01 FABER, J JOB  
1R01 AI28572-01 KABAT, DAVID  
1S15 CA51294-01 KENDALL, JOHN WALKER, JR  
1R01 EY07373-01A1 ROSENBAUM, JAMES T

DIETARY N-3 FATTY ACIDS: TRANSPORT AND UPTAKE INTO BRAIN  
GERMANIUM DETECTOR GAMMA SCINTILLATION SPECTROMETER  
NOVEL VERTEBRATE PROTEIN PRODUCTION--HIV  
SMALL INSTRUMENTATION PROGRAM  
GROWTH FACTORS IN PROLIFERATIVE VITREORETINOPATHY  
92,016  
83,000  
124,038  
61,198  
141,101

INSTITUTION TOTAL 5 501,353

OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY  
1R01 ES05202-01 SMEJTEK, PAVEL K

TOXICITY OF CHLOROPHENOLS IN MITOCHONDRIAL MEMBRANES  
199,016

INSTITUTION TOTAL 1 199,016

PROVIDENCE MEDICAL CENTER  
1S15 HL43982-01 HINRICHS, DAVID

SMALL INSTRUMENTATION PROGRAM

5,063

INSTITUTION TOTAL 1 5,063  
CITY TOTAL 9 939,736

STATE TOTAL 15 1,610,882

## PENNSYLVANIA

## DANVILLE

GEISINGER FOUNDATION  
1S15 HL43938-01 MORGAN, HOWARD E

SMALL INSTRUMENTATION PROGRAM

6,937

INSTITUTION TOTAL 1 6,937  
CITY TOTAL 1 6,937

## HERSHEY

PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER  
1S10 RR04811-01 BILLINGSLEY, MELVIN L

TWO DIMENSIONAL IMAGE ANALYZER

72,000

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>PENNSYLVANIA</b>			
<b>HERSHEY</b>			
UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1R01 HL40837-01	DWORKIN, BARRY R	CONTROL OF VASCULAR TONE BY CONTINGENTS CNS STIMULATION	87,463
1S15 CA51364-01	EVARTS, C MCCOLLISTER	SMALL INSTRUMENTATION PROGRAM	68,052
1R01 HL40881-01A1	LYDIC, RALPH	CHOLINERGIC MECHANISMS OF BREATHING DURING SLEEP	138,242
1R29 DK40069-01A1	SCADUTO, RUSSELL C, JR	MECHANISMS OF CELLULAR INJURY IN RENAL ISCHEMIA	87,881
1R01 GM39277-01A1	VARY, THOMAS C	REGULATION OF PROTEIN TURNOVER IN SEPSIS	164,782
1R01 HL42911-01	ZWILLICH, CLIFFORD W	SLEEP INFLUENCE ON THE PHARYNX AND VENTILATORY CONTROL	115,923
INSTITUTION TOTAL	7		
CITY TOTAL	7		
<b>PHILADELPHIA</b>			
DREXEL UNIVERSITY			
1S10 RR04673-01	FERRONE, FRANK A	GRAPHICS & COMPUTATION FACILITY	197,000
INSTITUTION TOTAL	1		
FOX CHASE CANCER CENTER			
1S15 CA51264-01	COMIS, ROBERT L	SMALL INSTRUMENTATION PROGRAM	32,279
1R01 CA50633-01	WEINER, LOUIS M	BISPECIFIC ANTI-TUMOR/FCYR III MONOCLONAL ANTIBODIES	153,975
INSTITUTION TOTAL	2		
GRADUATE HOSPITAL			
1S15 HL43987-01	COX, ROBERT H	SMALL INSTRUMENTATION PROGRAM	14,965
INSTITUTION TOTAL	1		
HAHNEMANN UNIVERSITY			
1R22 AI28398-01	VAIDYA, AKHIL B	ORGANELLE GENOMES OF MALARIAL PARASITES	177,792
INSTITUTION TOTAL	1		
INSTITUTE FOR CANCER RESEARCH			
1R01 GM43840-01	BRILLIANT, MURRAY H	GENETIC AND MOLECULAR ANALYSES OF MOUSE MUTATIONS	182,413
1S15 CA51358-01	SKALKA, ANNA M	SMALL INSTRUMENTATION PROGRAM	42,014
1R01 GM42364-01	TARTOF, KENNETH D	GENOMIC MAPPING	109,713
INSTITUTION TOTAL	3		
LANKENAU HOSPITAL--LANKENAU MEDICAL RESEARCH CENTER			
1S15 AR40213-01	REICHARD, GEORGE A, JR	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		



DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA MEDICAL COLLEGE OF PENNSYLVANIA 1S10 RR04916-01 1R01 HL41874-01A1	GOLDBERGER, MICHAEL E SIGEL, BERNARD	MOTION ANALYSIS SYSTEM ULTRASONIC TISSUE CHARACTERIZATION OF VASCULAR THROMBI	165,000 276,128
INSTITUTION TOTAL	2		441,128
MONELL CHEMICAL SENSES CENTER 1R01 GM42495-01	RESTREPO, DIEGO	PH REGULATORY EXCHANGE KINETICS IN HL60 CELLS	89,633
INSTITUTION TOTAL	1		89,633
PENNSYLVANIA COLLEGE OF OPTOMETRY 1S15 EY08456-01	DISTEFANO, ANTHONY F	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
PENNSYLVANIA HOSPITAL 1S15 CA51284-01	SEDLACEK, THOMAS V	SMALL INSTRUMENTATION PROGRAM	7,557
INSTITUTION TOTAL	1		7,557
PRESBYTERIAN-UNIVERSITY OF PENNSYLVANIA MEDICAL CENTER 1S15 EY08447-01	GALLOP, PAUL M	SMALL INSTRUMENTATION PROGRAM	71,767
INSTITUTION TOTAL	1		71,767
TEMPLE UNIVERSITY 1R01 GM42383-01 1R01 AI28715-01 1R01 DE08942-01 1R01 AI28761-01 1S15 GM43482-01 1R01 HL43410-01 1R29 DK41089-01	BASERGA, RENATO L BLANK, KENNETH J DANEO-MOORE, LOLITA HENDERSON, EARL E HILLMAN, RALPH MULLIGAN, EILEEN M SOPRANO, DIANNE R	THE BIOLOGY OF CELL CYCLE MUTANTS GENETIC BASIS FOR PERSISTENT MVLV INFECTION CHROMOSOME ORGANIZATION IN ORAL STREPTOCOCCI INHIBITION OF HIV REPLICATION BY DHEA AND ITS ANALOGS SMALL INSTRUMENTATION PROGRAM CAROTID BODY CELLULAR CA AND PH RESPONSES BIOCHEMICAL MECHANISM OF ACTION OF VITAMIN A	115,975 151,538 144,838 172,748 9,656 178,220 90,482
INSTITUTION TOTAL	7		863,457
THOMAS JEFFERSON UNIVERSITY 1R01 HL43564-01 1R15 AI27967-01 1S15 GM43481-01	BASHEY, REZA I BUESCHER, GEORGANNE KRETSCHM GONNELLA, JOSEPH S	MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM BORDERLINE OXACILIN-RESISTANT STAPHYLOCOCCUS AUREUS. SMALL INSTRUMENTATION PROGRAM	188,115 106,722 64,992
INSTITUTION TOTAL	3		359,829

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
PENNSYLVANIA		
PHILADELPHIA		
UNIVERSITY CITY SCIENCE CENTER		
1S15 AR40207-01	KEFALIDES, NICHOLAS A	SMALL INSTRUMENTATION PROGRAM
1R01 GM38781-01A2	OHNISHI, S TSUYOSHI	NON-INVASIVE DIAGNOSIS FOR MALIGNANT HYPERTHERMIA

22,881  
101,943

INSTITUTION TOTAL 2 124,824

UNIVERSITY OF PENNSYLVANIA		
1R01 GM42415-01	ATCHISON, MICHAEL L	DEVELOPMENTAL CONTROL OF IMMUNOGLOBULIN TRANSCRIPTION
1R01 CA49866-01	BOETTIGER, DAVID E	ROLE OF INTEGRIN IN VIRAL TRANSFORMATION
1R01 NR02078-01	BUHLER-WILKERSON, KAREN A	SICK AT HOME--PUBLIC POLICY AND PERSONAL CONSEQUENCES
1R01 HD25147-01	COOKE, NANCY E	SOMATOTROPIC AND LACTOGENIC HORMONES OF THE PLACENTA
1S15 HL44024-01	COOPERMAN, BARRY S	MICROBIOLOGICAL/BIOCHEMICAL EQUIPMENT: QUANTRONIX LASER
1R01 HL43002-01	DANIELE, RONALD P	PULMONARY DEFENSES: ROLE OF LUNG MACROPHAGE MOTILITY
1R01 AG08148-01	DOTY, RICHARD L	EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE & PARKINSONISM
1R01 GM42471-01	ECKER, JOSEPH R	DEVELOPMENT OF LARGE DNA METHODS FOR ARABIDOPSIS
1S10 RR04882-01	KLEIN, MICHAEL L	MINI-SUPER COMPUTER
1R01 CA49498-01	KOCH, CAMERON J	MECHANISMS OF CELLULAR AND MOLECULAR RADIOSENSITIVITY
1R01 HL43413-01	LAHIRI, SUKHAMAY	O2 SENSING AND CELL BIOLOGY IN THE CAROTID BODY
1R29 HL44188-01	LIANG, BRUCE T	AI ADENOSINE RECEPTOR IN CULTURED HEART CELLS
1R29 HL41169-01A1	MANAKER, SCOTT	NEUROCHEMICAL INTEGRATION OF RESPIRATION IN THE NTS
1R01 NR02093-01A1	MEDOFF-COOPER, BARBARA S	NEONATAL SUCKING AS A CLINICAL ASSESSMENT TOOL
1S10 RR05008-01	MURRAY, JOHN M	SYSTEM FOR QUANTITATIVE 3D CONFOCAL LIGHT MICROSCOPY
1R01 NR02095-01	NAYLOR, MARY D	COMPREHENSIVE DISCHARGE PLANNING FOR THE ELDERLY
1R01 EY08206-01	PUGH, EDWARD N, JR	POLARIZATION CONTRAST: A NEW KIND OF VERTEBRATE VISION
1R01 HL38680-01A2	QUINN, JOHN A	PHYSIOLOGIC MECHANISMS OF PERMEATION THROUGH HUMAN SKIN
1R01 AI28724-01	ROOS, DAVID S	FOLATE METABOLISM AND DRUG RESISTANCE IN TOXOPLASMA
1S15 AR40204-01	ROSENBLUM, JOEL	SMALL INSTRUMENTATION PROGRAM
1R29 AR39489-01A1	ROSTAMI, ABDOLMOHAMMAD	IMMUNOPATHOGENESIS OF EXPERIMENTAL ALLERGIC MYOSITIS
1S10 RR04672-01	SHENKER, BRUCE J	FACSTAR-PLUS FLOW CYTOMETER
1R29 ES05211-01	THOM, STEPHEN R	CO POISONING IN THE CONTEXT OF A REPERFUSION INJURY

166,236  
201,074  
104,919  
187,825  
58,915  
175,362  
285,816  
174,327  
400,000  
254,454  
155,770  
73,209  
106,261  
153,320  
198,000  
294,705  
111,832  
78,563  
136,762  
27,504  
108,270  
283,000  
115,500

INSTITUTION TOTAL 23 3,851,624

WILLS EYE HOSPITAL		
1S15 EY08442-01	DONOSO, LARRY A	SMALL INSTRUMENTATION PROGRAM

5,000

INSTITUTION TOTAL 1 5,000

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY		
1R01 AI27435-01	ERTL, HILDEGUND	ANTI-IDIOTYPIC ANTIBODIES TO T CELLS AS VACCINES
1R01 CA47159-01A1	HERLYN, MEENHARD	METASTASIS: BIOLOGICAL PHENOTYPE AND MODELS FOR THERAPY
1R01 CA43856-01A3	KRITCHEVSKY, DAVID	CALORIC RESTRICTION IN TUMOR PROMOTION: MECHANISMS
1S15 CA51285-01	ROOSA, ROBERT A	SMALL INSTRUMENTATION PROGRAM

164,172  
190,949  
152,067  
69,060



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

DEVELOPING & IMPROVING INSTITUTIONAL ANIMAL RESOURCES

364,500

PENNSYLVANIA  
PHILADELPHIA  
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY  
ROOSA, ROBERT A

INSTITUTION TOTAL 5 940,748  
CITY TOTAL 56 7,675,718

MEDICINE, HEALTH AND HEALING IN GERMANY, 1648-1820  
ACTIVE SITE SPECTRAL STUDIES ON MANGANESE METALLOENZYMES

28,844  
133,895

PITTSBURGH  
CARNEGIE-MELLON UNIVERSITY  
LINDEMANN, MARY E  
WHITTAKER, JAMES W

INSTITUTION TOTAL 2 162,739

BEHAVIORAL VS. DRUG INTERVENTION--URINARY INCONTINENCE  
SMALL INSTRUMENTATION PROGRAM  
OUTCOMES OF DELIRIUM IN HOSPITALIZED ELDERLY  
PROMOTING COMMUNICATION IN THE DEVELOPMENTALLY DISABLED  
DNA SEQUENCER  
MOTONEURON AXON GUIDANCE IN THE EMBRYONIC LIMB  
CENTRAL NERVOUS SYSTEMS TRANSPLANTATION  
SMALL INSTRUMENTATION PROGRAM  
IN VIVO METABOLISM IN ALZHEIMER'S DISEASE  
STUDY OF HIV-ASSOCIATED MALIGNANCY IN HEMOPHILIACS  
SEROLOGIC STUDIES OF SQUAMOUS CELL CARCINOMA  
STRUCTURE-FUNCTION RELATIONSHIPS OF RNA POLYMERASES  
MECHANISMS AND MODULATION OF ETOPOSIDE--VP-16 RESISTANCE

171,257  
37,012  
83,604  
136,726  
102,000  
124,141  
17,500  
42,163  
246,400  
426,983  
135,408  
181,979  
120,829

UNIVERSITY OF PITTSBURGH AT PITTSBURGH  
BURGIO, KATHRYN L  
DUNCAN, EDGAR N  
FRANCIŠ, JOSEPH  
GOLDSTEIN, HOWARD  
KHAN, SALEEM A  
LANCE-JONES, CYNTHIA  
LUND, RAYMOND D  
PEEBLES, CRAIG L  
PETTEGREW, JAY W  
RAGNI, MARGARET V  
VLOCK, DANIEL R  
WANG, BI-CHENG  
YALOWICH, JACK C

INSTITUTION TOTAL 13 1,826,002  
CITY TOTAL 15 1,988,741

UNIVERSITY PARK  
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK  
GAY, CAROL V  
MASŁAK, PRZEMYSLAW  
MATTHEWS, CHARLES R  
SCHAEFFER, STEPHEN W  
TARBELL, JOHN M  
WILLIS, SHERRY L

20,060  
84,245  
112,000  
91,459  
50,668  
165,736

ISOLATION OF PRE-OSTEOCLASTS  
NEAR DIFFUSION-LIMITED REACTIONS  
CIRCULAR DICHROISM SPECTROMETER SYSTEM  
MOLECULAR POPULATION GENETICS OF ADH IN DROSOPHILA  
SMALL INSTRUMENTATION PROGRAM  
PRACTICAL INTELLIGENCE AND MENTAL ABILITIES IN OLD AGE

INSTITUTION TOTAL 6 524,168  
CITY TOTAL 6 524,168



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## PRINCIPAL INVESTIGATOR

## GRANT NUMBER

PENNSYLVANIA

VILLANOVA

VILLANOVA UNIVERSITY

1R15 NS27254-01

STEPHENS, PHILIP J

ROLE OF POTASSIUM IN ANOMALOUS MOTOR NEURON FIRING

110,773

INSTITUTION TOTAL 1 110,773

CITY TOTAL 1 110,773

WEST CONSHOHOCKEN

TELEFACTOR CORPORATION

1R43 NS27783-01

BRYAN, JAMES S

INTERGRATED WORK-STATION FOR EEG + RADIOGRAPHIC IMAGES

50,000

INSTITUTION TOTAL 1 50,000

CITY TOTAL 1 50,000

STATE TOTAL 87 11,090,680

RHODE ISLAND

KINGSTON

GORDON RESEARCH CONFERENCES

1R13 DK41722-01

ARNOTT, HOWARD J

GORDON CONFERENCE ON CALCIUM OXALATE

4,000

1R13 GM43048-01

BEACHY, ROGER N

PLANT MOLECULAR BIOLOGY GORDON CONFERENCES

2,000

1R13 DE08912-01

CHOW, LAURENCE C

GORDON RESEARCH CONFERENCE ON CALCIUM PHOSPHATES--1989

7,000

1R13 HL43197-01

DAVIDSON, JEFFREY M

1989 GORDON RESEARCH CONFERENCE ON ELASTIN

13,100

1R13 AR39834-01

DE CROMBRUGGHE, BENOIT

GORDON CONFERENCE STRUCTURAL MACROMOLECULES--COLLAGEN

8,000

1R13 DK41231-01A1

DENNIS, EDWARD A

1989 LIPID METABOLISM GORDON RESEARCH CONFERENCE

2,000

1R13 AI28442-01

EISENSTEIN, BARRY I

GORDON CONFERENCE ON MICROBIAL ADHESION MECHANISMS

3,500

1R13 HL42904-01

FOGELMAN, ALAN M

GORDON RESEARCH CONFERENCE ON ATHEROSCLEROSIS 1989

10,000

1R13 DK41609-01

LINGREL, JERRY B

RED CELL

14,900

1R13 GM42631-01

MC CLURE, WILLIAM R

1989 GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS

2,000

1R13 GM42568-01

NEER, EVA J

CONFERENCE ON CELL CONTACT AND ADHESION

5,000

1R13 GM42814-01

PLEDGER, WARREN J

CONFERENCES ON 2ND MESSENGERS &amp; PROTEIN PHOSPHORYLATION

3,000

1R13 GM43062-01

SHAPIRO, IRVING M

MOLECULAR AND GENETIC BASIS FOR CELL PROLIFERATION

5,000

1R13 DE08990-01

TAYLOR, PALMER

BONES AND TEETH--1989

12,000

1R13 GM42914-01

TRUMPOWER, BERNARD L

MOLECULAR PHARMACOLOGY

5,900

1R13 GM42742-01

GORDON RESEARCH CONFERENCES: BIOENERGETICS

2,000

INSTITUTION TOTAL 16 99,400

UNIVERSITY OF RHODE ISLAND

1R13 GM42543-01

KLOBUTCHER, LAWRENCE A

MOLECULAR BIOLOGY OF CILIATED PROTOZOA

2,000

1R13 GM42687-01

KUSTU, SYDNEY G

BIOLOGICAL REGULATORY--1989

3,000

1R13 GM42479-01

SCHRAMM, VERN L

1989 GORDON CONFERENCE--ENZYMES COENZYMES &amp; METABOLISM

4,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
RHODE ISLAND		
KINGSTON		
UNIVERSITY OF RHODE ISLAND	SHIMIZU, YUZURU	ANTITUMOR, ANTIVIRAL AGENTS IN MICROALGAE
1R01 CA49992-01		
INSTITUTION TOTAL	4	205,067
CITY TOTAL	20	304,467

196,067

PAWTUCKET		
MEMORIAL HOSPITAL	MCCOOL, FRANKLIN D	INSPIRATORY PUMP: PRESSURE-FLOW-VOLUME PERFORMANCE
1R01 HL39811-01A2		
INSTITUTION TOTAL	1	94,000
CITY TOTAL	1	94,000

94,000

PROVIDENCE		
BROWN UNIVERSITY	GALLETTI, PIERRE M	SMALL INSTRUMENTATION PROGRAM
1S15 CA51362-01	SUGGS, JOHN W	MOLECULAR MODELLING NETWORK
1S10 RR04735-01		
INSTITUTION TOTAL	2	124,028

43,028  
81,000

MIRIAM HOSPITAL	VANDENBURGH, HERMAN H	
1R01 AR39998-01		
INSTITUTION TOTAL	1	128,778

128,778

RHODE ISLAND HOSPITAL	ALBINA, JORGE E	ARGININE REGULATION OF CELL FUNCTION IN HEALING WOUNDS
1R01 GM42859-01		
INSTITUTION TOTAL	1	123,303

123,303

ROGER WILLIAMS GENERAL HOSPITAL	ABERNETHY, DARRELL R	CALCIUM ANTAGONISTS, AGING, AND HYPERTENSION
1R01 AG08226-01	CALABRESI, PAUL	SMALL INSTRUMENTATION PROGRAM
1S15 CA51274-01		
INSTITUTION TOTAL	2	211,889
CITY TOTAL	6	587,998
STATE TOTAL	27	986,465

202,409  
9,480

SOUTH CAROLINA		
CHARLESTON	MARGOLIUS, HARRY S	SMALL INSTRUMENTATION PROGRAM
MEDICAL UNIVERSITY OF SOUTH CAROLINA		
1S15 EY08437-01		

42,865

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
SOUTH CAROLINA		
CHARLESTON		
MEDICAL UNIVERSITY OF SOUTH CAROLINA	PHARR, PAMELA P	RETROVIRAL INFECTION OF HEMOPOIETIC STEM CELLS
1R01 CA50244-01	WEBB, JERRY G	BETA RECEPTORS & VASCULAR ARACHIDONIC ACID METABOLISM
1R01 HL42077-01A1	YOUNG, FRANKLIN A	SMALL INSTRUMENTATION PROGRAM
1S15 AR40215-01		

64,689  
123,075  
8,969

INSTITUTION TOTAL	4	239,598
CITY TOTAL	4	239,598

CLEMSON		
CLEMSON UNIVERSITY	ZIMMERMAN, JAMES K	SMALL INSTRUMENTATION PROGRAM
1S15 AI29058-01		

5,000

INSTITUTION TOTAL	1	5,000
CITY TOTAL	1	5,000

COLUMBIA		
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA		
1R15 NS27200-01	BISHOP, JUDITH H	MOTOR PERFORMANCE OF STUTTERERS/NONSTUTTERERS
1S15 HL43942-01	COOPER, RONALD H	SMALL INSTRUMENTATION PROGRAM
1R01 HD25641-01	LIN, TU	MODULATION OF LEYDIG CELL FUNCTION BY INTERLEUKIN-1
1R01 AG08522-01	POWELL, DONALD A	ASSOCIATIVE LEARNING AND AGING

100,902  
16,845  
105,089  
55,543

INSTITUTION TOTAL	4	278,379
CITY TOTAL	4	278,379
STATE TOTAL	9	522,977

SOUTH DAKOTA		
ABERDEEN		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--PHS	INDIAN HEALTH SERVICE	
1R01 CA49522-01	WELTY, THOMAS K	CANCER AND CANCER RISK FACTOR AMONG SIOUX INDIANS

140,998

INSTITUTION TOTAL	1	140,998
CITY TOTAL	1	140,998

VERMILLION		
UNIVERSITY OF SOUTH DAKOTA		
1R15 DK41459-01	BRADY, FRANK O	HORMONAL MODULATION OF HEPATIC METALLOTHIONEIN
1R29 HD26640-01	EYSTER, KATHLEEN M	PROTEIN KINASE C OF THE CORPUS LUTEUM

106,122  
82,705



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>SOUTH DAKOTA</b>			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA	PEANASKY, ROBERT J	SMALL INSTRUMENTATION PROGRAM	5,000
1S15 HL43966-01			
INSTITUTION TOTAL	3	193,827	
CITY TOTAL	3	193,827	
STATE TOTAL	4	334,825	
<b>TENNESSEE</b>			
JACKSON			
LANE COLLEGE	MAHAJAN, SATISH C	MBRS PROGRAM AT LANE COLLEGE	49,816
1S14 RR04564-01A1			
INSTITUTION TOTAL	1	49,816	
CITY TOTAL	1	49,816	
<b>KNOXVILLE</b>			
COMPUTER TECHNOLOGY AND IMAGING, INC.			
1R43 CA49405-01	BINKLEY, DAVID M	A TIMING SYSTEM FOR POSITRON EMISSION TOMOGRAPHY	50,000
INSTITUTION TOTAL	1	50,000	
<b>JCL CLINICAL RESEARCH CORPORATION</b>			
1R43 AI28177-01	JORDAN, TOMMYE A	IMMUNODIAGNOSTIC ASSAY FOR INVASIVE CANDIDIASIS	45,788
INSTITUTION TOTAL	1	45,788	
<b>UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE</b>			
1S15 AI29018-01	BECK, RAYMOND W	SMALL INSTRUMENTATION PROGRAM	14,303
1R01 HL43375-01	POPP, RAYMOND A	MOUSE MUTANT HEMOGLOBINS THAT ALLOW HBS TO SICKLE	154,685
INSTITUTION TOTAL	2	168,988	
CITY TOTAL	4	264,776	
<b>MEMPHIS</b>			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1R01 CA47941-01A1	BECK, WILLIAM T	ALTERED TOPOISOMERASE IN ATYPICAL MULTIDRUG RESISTANCE	138,531
1R01 CA49529-01	GOREN, MARSHALL P	CHLOROACETALDEHYDE AND IFOSFAMIDE TOXICITY	118,540
1S15 CA51304-01	SIMONE, JOSEPH V	SMALL INSTRUMENTATION PROGRAM	44,106
INSTITUTION TOTAL	3	301,177	

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>TENNESSEE</b>			
<b>MEMPHIS</b>			
STATE UNIVERSITY AND	COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY	RGDS AND LGGAKQAGDV BINDING SITES ON GPIIB/IIIA	99,890
1R15 HL42523-01	GARTNER, THEODORE K		5,558
1S15 GM43409-01	WILLIAMS, RICHARD V	SMALL INSTRUMENTATION PROGRAM	
INSTITUTION TOTAL	2	105,448	
<b>UNIVERSITY OF TENNESSEE AT MEMPHIS</b>			
1S15 CA51310-01	DABBOUS, MUSTAFA K	SMALL INSTRUMENTATION PROGRAM	5,000
1R29 HL42875-01	MIRRO, ROBERT	PRESSURE VENTILATION AND NEONATAL CEREBRAL HEMODYNAMICS	91,554
1R01 AI28520-01	RYAN, JAMES P	GENETIC ANALYSIS OF HERPESVIRUS GLYCOPROTEINS	130,147
1R01 DK42421-01	SELAURY, HELENA P	ISLET TRANSPLANTATION	99,864
1S15 AI29014-01	SUMMITT, ROBERT L	SMALL INSTRUMENTATION PROGRAM	58,500
INSTITUTION TOTAL	5	385,065	
CITY TOTAL	10	791,690	
<b>NASHVILLE</b>			
<b>MEHARRY MEDICAL COLLEGE</b>			
1R13 AI28534-01	HILL, GEORGE C	SIXTH ANNUAL TROPICAL DISEASES SYMPOSIUM	4,000
1S15 AI29054-01	HILL, GEORGE C	SMALL INSTRUMENTATION PROGRAM	9,199
INSTITUTION TOTAL	2	13,199	
<b>VANDERBILT UNIVERSITY</b>			
1S10 RR04727-01	ANDERSON, WAYNE FOSTER	X-RAY DIFFRACTION DATA COLLECTION FACILITY	400,000
1R29 DK41376-01	CAMPBELL, PETER J	ROLE OF LIPOLYSIS IN HUMAN OBESITY AND FASTING	119,270
1P01 AI26505-01	COLLEY, DANIEL G	SCHISTOSOMIASIS AND CHAGAS DISEASE IN BRAZIL	286,832
1R01 GM41269-01A1	CORBIN, JACKIE D	CGMP-BINDING PHOSPHODIESTERASE: REGULATORY MECHANISMS	230,773
1R01 GM40919-01A1	EXTON, JOHN H	CELL SIGNALING BY PHOSPHATIDYLCHOLINE BREAKDOWN	152,600
1R01 AR39682-01A1	STRICKLIN, GEORGE P	EXTRACELLULAR MATRIX DEGRADATION IN SKIN	124,347
INSTITUTION TOTAL	6	1,313,822	
CITY TOTAL	8	1,327,021	
<b>OAK RIDGE</b>			
<b>ATOM SCIENCES, INC.</b>			
1R43 CA50021-01	THONNARD, NORBERT	SENSITIVE PERSONNEL DOSIMETRY OF 3KEV TO 20MEV NEUTRONS	44,958
INSTITUTION TOTAL	1	44,958	
<b>MARTIN MARIETTA CORPORATION--OAK RIDGE NATIONAL LABORATORY</b>			
1R01 HD25323-01	WOYCHIK, RICHARD P	INSERTIONAL MUTAGENESIS IN TRANSGENIC MICE	125,785
INSTITUTION TOTAL	1	125,785	

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	170,743	
STATE TOTAL	25	2,604,046	
<b>TEXAS</b>			
<b>AUSTIN</b>			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN	NOVEL APPROACHES TO ANTITUMOR DRUG DEVELOPMENT	533,702
1R35 CA49751-01	HURLEY, LAURENCE H	SMALL INSTRUMENTATION PROGRAM	14,336
1S15 CA51336-01	HURLEY, LAURENCE H	ENZYMES OF THE META-FISSION PATHWAY	81,442
1R29 GM41239-01A1	WHITMAN, CHRISTIAN P		
INSTITUTION TOTAL	3	629,480	
CITY TOTAL	3	629,480	
<b>COLLEGE STATION</b>			
LYNNTECH, INC.			
1R43 DK41581-01	MURPHY, OLIVER J	IMPLANTABLE CONDUCTING POLYMER MICROSENSORS FOR GLUCOSE	50,000
INSTITUTION TOTAL	1	50,000	
<b>TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM</b>			
1S15 AG08779-01	BUSBEE, DAVID L	SMALL INSTRUMENTATION PROGRAM	8,800
INSTITUTION TOTAL	1	8,800	
<b>TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A &amp; M UNIVERSITY AT COLLEGE STATION</b>			
1R01 GM42428-01	BALDWIN, THOMAS O	MOLECULAR MECHANISM OF REGULATION OF THE LUX REGULON	152,988
1R01 GM39015-01A1	CARROLL, RAYMOND J	GENERALIZED LINEAR MEASUREMENT ERROR MODELS	79,416
1R29 DK41693-01	CHAPKIN, ROBERT S	DIETARY SIGNIFICANCE OF GAMMALINOLENIC ACID	95,144
1R01 DK41682-01	HARRIS, EDWARD D	ASCORBATE COPPER LINK IN NUTRITION	135,268
1S15 AI29066-01	IPPEN-IHLER, KARIN A	SMALL INSTRUMENTATION PROGRAM	13,524
1R01 AG08574-01	KAY, M M B	CELLULAR & MOLECULAR BIOLOGY OF ALTERED BAND 3	68,618
1S15 GM43486-01	WILD, JAMES R	SMALL INSTRUMENTATION PROGRAM	27,672
INSTITUTION TOTAL	7	572,630	
CITY TOTAL	9	631,430	
<b>DALLAS</b>			
<b>BAYLOR COLLEGE OF DENTISTRY</b>			
1R15 DE09010-01	WONG, BRENDAN S	MODULATION OF IONIC CHANNELS IN CULTURED OSTEOBLASTS	97,059
INSTITUTION TOTAL	1	97,059	



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
TEXAS		
DALLAS		
INSTITUTE FOR AEROBICS RESEARCH		
1R29 AR39715-01A1	GORDON, NEIL F	MUSCULOSKELETAL FITNESS AND HEALTH
INSTITUTION TOTAL	1	77,845

77,845

SOUTHERN METHODIST UNIVERSITY		
1R01 AG08459-01	SOHAL, RAJINDAR S	ANTIOXIDANT ENZYMES AND AGING IN TRANSGENIC DROSOPHILA
1S15 AI29013-01	SOHAL, RAJINDAR S	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	2	159,621

154,621  
5,000

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS		
1S15 CA51365-01	COX, RODY P	SMALL INSTRUMENTATION PROGRAM
1S15 HL43934-01	COX, RODY P	SMALL INSTRUMENTATION PROGRAM
1R01 AI28332-01	FORMAN, JAMES M	IMMUNE REACTIVITY AGAINST ORGAN SPECIFIC MHC MOLECULES
1R01 AR40056-01	GONYEA, WILLIAM J	CELLULAR MECHANISMS FOR MUSCLE FIBER PROLIFERATION
1R24 RR05255-01	PAKES, STEVEN P	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES
1R01 CA50195-01	SHAY, JERRY W	IN VITRO TRANSFORMATION OF HUMAN MAMMARY EPITHELIAL CELL
INSTITUTION TOTAL	6	922,902
CITY TOTAL	10	1,257,427

77,467  
79,212  
196,529  
109,015  
283,913  
176,766

DENTON		
UNIVERSITY OF NORTH TEXAS		
1S15 GM43407-01	SCHAFFER, ROLLIE R	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	1	5,000
CITY TOTAL	1	5,000

5,000

FORT WORTH		
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE		
1R01 HD25638-01	WORDINGER, ROBERT J	CELL BIOLOGY OF INTRUSIVE IMPLANTATION
INSTITUTION TOTAL	1	45,169
CITY TOTAL	1	45,169

45,169

GALVESTON		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH		
1R01 HL42527-01	PALADE, PHILIP T	PHARMACOLOGY OF MUSCLE EXCITATION-CONTRACTION COUPLING
1R01 AI26896-01A1	TYRING, STEPHEN K	MECHANISMS OF INTERFERON ACTION AGAINST PAPILLOMAVIRUSES
INSTITUTION TOTAL	2	82,164
CITY TOTAL	2	373,867

82,164  
373,867

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1R01 DK37484-01A2	WOLFE, ROBERT R	ASSESSMENT OF SUBSTRATE KINETIC ANALYSIS USING TRACERS	140,314
1S15 CA51288-01	YIELDING, K LEMONE	SMALL INSTRUMENTATION PROGRAM	46,585

INSTITUTION TOTAL	4	642,930
CITY TOTAL	4	642,930

HOUSTON			
ADVANCED IMAGE MEASUREMENT SYSTEMS			
1R43 EY08163-01	BATTEN, GEORGE W, JR	A FAST, PRECISE, REAL-TIMES SYSTEM EYE POSITION	45,000

INSTITUTION TOTAL	1	45,000
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BAYLOR COLLEGE OF MEDICINE			
1R01 CA44383-01A1	BLACK, HOMER S	SKIN CANCER PROPHYLAXIS BY LOW-FAT DIETARY INTERVENTION	165,516
1R01 HD25326-01	BRADLEY, ALLAN	INSERTIONAL MUTAGENESIS AND MOUSE DEVELOPMENT	203,330
1S15 AI29067-01	CAMERINO, PAT W	SMALL INSTRUMENTATION PROGRAM	80,469
1S10 RR04655-01	CHAN, LAWRENCE C	DNA SEQUENCING SYSTEM	102,000
1R01 DK41780-01	DAVIES, ALBERT O	HUMAN ADRENERGIC RECEPTOR AND G-PROTEIN REGULATION	117,140
1R29 HL42883-01	FIKE, CANDICE D	MATURATIONAL CHANGES IN THE PULMONARY MICROCIRCULATION	66,851
1R01 DK41427-01	HUGHES, MARK R	RECEPTOR MUTANTS IN VITAMIN D RESISTANT RICKETS OF BONE	147,769
1R29 DE09079-01	HURWITZ, MARY Y	STUDIES OF CD18 MUTATIONS IN PERIODONTITIS	97,650
1R29 GM42957-01	JAECHKE, HARTMUT W	PHARMACOLOGICAL INTERVENTIONS IN HEPATIC ISCHEMIC INJURY	89,503
1R01 GM42564-01	OSMANI, STEPHEN A	ROLE OF THE NIM-A GENE IN MITOTIC REGULATION	153,180
1R01 GM40892-01A1	PIRROTTA, VINCENZO	MICROCLONING OF THE DROSOPHILA GENOME	187,496
1R01 EY08082-01	QAVI, HAMIDA B	HIV-1 & HHV-6 IN AIDS ASSOCIATED OCULAR DISORDERS	132,410

INSTITUTION TOTAL	12	1,543,314
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RICE UNIVERSITY			
1R01 GM42604-01	GOMER, RICHARD H	A EUKARYOTIC TISSUE DENSITY SENSOR	134,129
1S15 GM43447-01	MATTHEWS, KATHLEEN S	SMALL INSTRUMENTATION PROGRAM	19,621

INSTITUTION TOTAL	2	153,750
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TANOX BIOSYSTEMS, INC.			
1R43 AI28151-01	KIM, YOUNG W	IMMUNOTOXIN THERAPY FOR AIDS	46,770
1R43 AI26443-01A1	LIOU, RUEY-SHYAN	CHIMERIC CD4/IMMUNOGLOBULIN ANTIBODIES FOR AIDS	44,192

INSTITUTION TOTAL	2	90,962
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UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1S15 AR40210-01	BUTLER, WILLIAM T	SMALL INSTRUMENTATION PROGRAM	11,346

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>TEXAS</b>			
<b>HOUSTON</b>			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	HEALTH SCIENCE CENTER AT HOUSTON	
1S15 GM43456-01	CLARK, RICHARD B	SMALL INSTRUMENTATION PROGRAM	22,411
1R01 DK41740-01	DEDMAN, JOHN R	CALCIUM REGULATION OF EPITHELIA	98,920
1R01 AR39915-01	DUVIC, MADELEINE	PATHOGENESIS OF AIDS/HIV ASSOCIATED PSORIASIS	65,404
1R03 DE09189-01	HECHT, JACQUELINE T	DEFINING THE CLEFTING LOCUS	17,550
1R01 ES04804-01A2	HOLIAN, ANDRIJ	EFFECTS OF SILICA AND ASBESTOS ON MACROPHAGE FUNCTION	190,203
1R01 HL42030-01A1	HOLIAN, ANDRIJ	ROLE OF INTRACELLULAR PH IN MACROPHAGE ACTIVATION	113,231
1R01 AI26943-01A1	WOLINSKY, JERRY S	MOLECULAR IMMUNE RESPONSE DETERMINANTS OF RUBELLA VIRUS	197,308
INSTITUTION TOTAL			
	8	716,373	

UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	SYSTEM CANCER CENTER	
1S15 CA51271-01	BECKER, FREDERICK F	SMALL INSTRUMENTATION PROGRAM	77,833
1R01 CA50192-01	BROCK, WILLIAM A	HUMAN TUMOR CELL RADIOSENSITIVITY VERSUS RADIOCURABILITY	156,362
1R24 RR05251-01	COGHLAN, LEZLEE G	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	202,950
1R01 CA49667-01	FRAZIER, MARSHA L	TRANSGENIC ANM MODEL/PANCREATIC DUCT CELL ADENOCARCINOMA	154,714
1R01 CA50231-01	IRIMURA, TATSURO	METASTASIS SPECIFIC CARBOHYDRATE ANTIGENS	138,468
1R01 CA47891-01A1	ITO, KYOGO	BIOLOGY OF HUMAN TUMOR INFILTRATING LYMPHOCYTES	138,002
1R01 CA45423-01A3	PEREZ-SOLER, ROMAN	DEVELOPMENT OF NEW LIPOPHILIC CISPLATIN ANALOGUES	118,831
1R01 CA50604-01	RICHIE, ELLEN R	CHARACTERIZATION OF A MURINE TUMOR SUPPRESSOR GENE MODEL	144,084
1R01 CA46798-01A1	TOFILON, PHILIP J	DRUG-INDUCED SCES IN HUMAN PRIMARY TUMOR CELL CULTURE	117,213
INSTITUTION TOTAL			
CITY TOTAL	9	1,248,457	
	34	3,797,856	

<b>LUBBOCK</b>			
TEXAS TECH UNIVERSITY	HEALTH SCIENCES CENTER		
1S15 AI29077-01	STOCCO, DOUGLAS M	SMALL INSTRUMENTATION PROGRAM	21,072

INSTITUTION TOTAL	1	21,072
CITY TOTAL	1	21,072

<b>RICHARDSON</b>			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	AT DALLAS	
1S15 GM43445-01	CLOWES, ROYSTON C	SMALL INSTRUMENTATION PROGRAM	14,545
1S10 RR05023-01	MOUSHEGIAN, GEORGE	MICRO-VAX II HOST COMPUTER SYSTEM	162,000

INSTITUTION TOTAL	2	176,545
CITY TOTAL	2	176,545



DOLLARS  
AWARDED

10,991

30,638  
258,124

7,521

145,583  
87,966  
53,324  
263,000  
179,029  
21,454  
47,446  
80,933  
135,522

48,008

164,847

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
<b>TEXAS</b>		
<b>SAN ANTONIO</b>		
CANCER THERAPY AND RESEARCH CENTER		
1S15 CA51282-01	COLTMAN, CHARLES A, JR	SMALL INSTRUMENTATION PROGRAM
INSTITUTION TOTAL	1	10,991
<b>SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH</b>		
1S15 HL43936-01	GOODWIN, WILLIAM J	SMALL INSTRUMENTATION PROGRAM
1R01 GM42805-01	MACCLUER, JEAN W	GENETIC MAPPING IN BABOONS
INSTITUTION TOTAL	2	288,762
<b>UNIVERSITY OF TEXAS</b>		
1S15 EY08455-01	SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO	SMALL INSTRUMENTATION PROGRAM
WAYNER, MATTHEW J		
INSTITUTION TOTAL	1	7,521
<b>UNIVERSITY OF TEXAS</b>		
1R01 AR39794-01	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO	OSTEOPOROSIS IN MEXICAN AMERICANS AND NONHISPANIC WHITES
1R29 DK40189-01A1	BAUER, RICHARD L	SERUM PROTEIN BINDING THE HN AUTOANTIGEN
1S15 CA51287-01	KANALAS, JOHN J	SMALL INSTRUMENTATION PROGRAM
1S10 RM05043-01	MCGUIRE, WILLIAM L	FERMENTATION FACILITY
1R01 GM42353-01	NALL, BARRY T	PHYSICAL MAP OF HUMAN CHROMOSOME 3
1R03 DE08896-01	NAVLO, SUSAN L	FEASIBILITY OF A LABORATORY MODEL FOR NOCTURNAL BRUXISM
1S15 AR40201-01	ROUGH, JOHN D	SMALL INSTRUMENTATION PROGRAM
1R29 DE08932-01	VAN HEUVEN, WICHARD A	GENETIC ANALYSIS OF THE FIMBRIAL GENES OF ACTINOMYCES
1R01 DK35039-01A4	YEUNG, MARIA K	GASTROINTESTINAL & CARDIAC RESPONSE TO SEMI-STARVATION
INSTITUTION TOTAL	9	1,014,257
<b>VIRUS REFERENCE LABORATORY</b>		
1R43 AI29317-01	KALTER, SEYMOUR S	DEVELOPMENT OF AN HIV DIAGNOSTIC KIT
INSTITUTION TOTAL	1	48,008
CITY TOTAL	14	1,369,539
<b>WACO</b>		
<b>BAYLOR UNIVERSITY</b>		
1R01 AR40095-01	BOREJDO, JULIAN	ROTATION OF MYOSIN CROSS-BRIDGES IN SKELETAL MUSCLES
INSTITUTION TOTAL	1	164,847
CITY TOTAL	1	164,847
STATE TOTAL	80	8,741,295

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
<b>UTAH</b>			
<b>LOGAN</b>			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY		ROLE OF IRON IN TOXICITIES AND PATHOLOGIES	101,345
1R01 ES05056-01	AUST, STEVEN D		
INSTITUTION TOTAL	1	101,345	
CITY TOTAL	1	101,345	

<b>SALT LAKE CITY</b>			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1S15 AG08786-01	AMOS, KINDA K	SMALL INSTRUMENTATION PROGRAM	4,730
1R01 HL42357-01	BRIDGE, JOHN H B	MECHANISMS OF DIASTOLIC RELAXATION IN THE HEART	182,240
1R01 HD25395-01	CAPECCHI, MARIO R	MOUSE DEVELOPMENTAL MUTANTS DERIVED BY GENE TARGETING	107,852
1S15 GM43415-01	GRAY, WILLIAM R	SMALL INSTRUMENTATION PROGRAM	40,785
1R01 HL42992-01	LYNCH, ROBERT E	TOXICITY OF O2- AND H2O2	132,129
1R01 HD25728-01	SANSONE, CAROL	CONTEXT AND THE PLANNING PROCESS ACROSS THE LIFE SPAN	122,109
1R01 HL42873-01	SPITZER, KENNETH W	PH REGULATION IN VENTRICULAR CELLS	80,449
1S15 CA51315-01	STEVENS, WALTER	SMALL INSTRUMENTATION PROGRAM	77,726
1R01 HL43276-01	TACCARDI, BRUNO	THREE-DIMENSIONAL MAPPING OF CARDIAC ELECTRIC FIELDS	276,559
1R01 NS26229-01A1	TUCKETT, ROBERT P	SENSITIZATION OF ITCH SIGNALING NEURAL PATHWAYS	118,545
1R01 AR40057-01	WARD, R H	GENETIC EPIDEMIOLOGY OF RHEUMATOID ARTHRITIS IN UTAH	241,086
INSTITUTION TOTAL	11	1,384,210	
CITY TOTAL	11	1,384,210	
STATE TOTAL	12	1,485,555	

<b>VERMONT</b>			
<b>BURLINGTON</b>			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1S15 AI29045-01	BOND, LYNNE A	SMALL INSTRUMENTATION PROGRAM	5,803
1R29 HL40467-01A1	CHURCH, WILLIAM R	DEFINITION OF FUNCTIONAL SITES ON COAGULATION FACTOR X	100,581
1R29 HL42880-01	LAHER, ISMAIL	CALCIUM-DEPENDENT STRETCH-INDUCED VASCULAR TONE	112,274
1S15 GM43485-01	LUGINBUHL, WILLIAM H	SMALL INSTRUMENTATION PROGRAM	73,707
1R01 DK41973-01	MAIR, K SREEKUMARAN	IN VIVO REGULATION OF PROTEIN TURNOVER BY HORMONES	206,442
1R29 CA50681-01	VAN HOUTEN, BENNETT	REPAIR OF PLATINUM-DNA ADDUCTS IN MAMMALIAN CELLS	92,250
INSTITUTION TOTAL	6	591,057	
CITY TOTAL	6	591,057	

<b>ESSEX JUNCTION</b>			
<b>HAEMATOLOGIC TECHNOLOGIES, INC.</b>			
1R43 AR39601-01A1	JENNY, RICHARD	IMMUNOASSAY FOR OSTEOCALCIN FRAGMENTS	46,139
INSTITUTION TOTAL	1	46,139	

NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	46,139	
STATE TOTAL	7	637,196	
<b>VIRGINIA</b>			
ALEXANDRIA			
RESEARCH DIMENSIONS, INC.			
1R43 AG08403-01	MAUST, ANN P	AGE BIAS IN JOB PERFORMANCE	48,280
INSTITUTION TOTAL	1	48,280	
CITY TOTAL	1	48,280	
<b>BLACKSBURG</b>			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
1S15 CA51286-01	RUTHERFORD, CHARLES L	SMALL INSTRUMENTATION PROGRAM	16,333
INSTITUTION TOTAL	1	16,333	
CITY TOTAL	1	16,333	
<b>CHARLOTTESVILLE</b>			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1S10 RR04837-01	CAFISO, DAVID S	PURCHASE OF BRUKER ESP-300 EPR SPECTROMETER	222,000
1P01 AI26512-01	GUERRANT, RICHARD L	RECOGNITION & EXPRESSION OF TROPICAL INFECTIOUS DISEASES	279,666
1S15 HL43930-01	PEACH, MICHAEL J	SMALL INSTRUMENTATION PROGRAM	77,790
1R29 DK40753-01A1	ROMERO, GUILLERMO G	STUDIES ON THE GENERATION OF INSULIN MEDIATORS	94,115
1R01 HD25719-01	SHUPNIK, MARGARET A	ESTROGEN REGULATION OF THE RAT LH BETA GENE	148,699
1R01 GM42698-01	YOUNG, WILLIAM W, JR	GLYCOSPHINGOLIPID METABOLISM AND TRAFFICKING	130,790
INSTITUTION TOTAL	6	953,060	
CITY TOTAL	6	953,060	
<b>FAIRFAX</b>			
GEORGE MASON UNIVERSITY			
1R15 NR02173-01	HARPER, DOREEN C	DEVELOPMENT OF THE OSTEOPOROSIS SELF-CARE SURVEY	92,465
INSTITUTION TOTAL	1	92,465	
CITY TOTAL	1	92,465	
<b>NORFOLK</b>			
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS			
1R29 DK40982-01A1	LAUTERIO, THOMAS J	OBESITY: ROLE OF NUTRITION, IGF-II AND INSULIN	87,224
INSTITUTION TOTAL	1	87,224	



NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

CITY TOTAL 1 87,224

VIRGINIA  
RADFORDAMERICAN RESEARCH CORPORATION OF VIRGINIA  
1R43 AG08407-01 CHURCHILL, RUSSELL J

MEMORY ASSIST DEVICE TO IMPROVE PRESCRIPTION COMPLIANCE 50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

## RICHMOND

VIRGINIA COMMONWEALTH UNIVERSITY

1S15 AI29064-01 AYRES, STEPHEN M  
1S15 AI29047-01 MACRIÑA, FRANCIS L  
1S15 GM43412-01 TERNER, JAMES  
1S15 AI29051-01 WINDRIDGE, GRAHAM CSMALL INSTRUMENTATION PROGRAM 72,817  
SMALL INSTRUMENTATION PROGRAM 26,780  
SMALL INSTRUMENTATION PROGRAM 5,000  
SMALL INSTRUMENTATION PROGRAM 18,473INSTITUTION TOTAL 4 123,070  
CITY TOTAL 4 123,070

STATE TOTAL 15 1,370,432

WASHINGTON  
PULLMAN

WASHINGTON STATE UNIVERSITY

1S10 RR04759-01 GRISWOLD, MICHAEL D  
1R13 HD25866-01 JOHNSTON, CRAIG A  
1R01 AR39643-01 PATE, EDWARD FPURCHASE OF PEPTIDE SYNTHESIS SYSTEM 80,000  
BRAIN-GUT PEPTIDES AND REPRODUCTIVE HORMONE SECRETION 9,000  
ANALYSIS OF CROSS-BRIDGE MECHANICS 77,753INSTITUTION TOTAL 3 166,753  
CITY TOTAL 3 166,753

## RICHLAND

BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION

1R01 GM42940-01 EDMONDS, CHARLES G

HIGH SENSITIVITY PEPTIDE SEQUENCING BY CE/MS AND CE/MS-M 134,347

INSTITUTION TOTAL 1 134,347  
CITY TOTAL 1 134,347

## SEATTLE

BATTELLE MEMORIAL INSTITUTE--BATTELLE SEATTLE RESEARCH CENTER

1R01 HD26631-01 TANFER, KORAY

STDs AND FERTILITY-RELATED BEHAVIOR: A FOLLOW-UP STUDY

766,888

NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	766,888	
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1S15 CA51255-01	DAY, ROBERT W	SMALL INSTRUMENTATION PROGRAM	71,608
1R01 GM42551-01	HAHN, STEVEN M	MOLECULAR ANALYSIS OF RNAII TRANSCRIPTION INITIATION	161,999
1R29 CA48718-01A1	ROBERTS, JAMES M	CONTROL OF VIRAL REPLICATION	63,360
1R29 GM42786-01	ROTH, MARK B	CHROMOSOMAL RIBONEUCLEOPROTEINS: STRUCTURE AND ASSEMBLY	100,787
1R29 AI28523-01	SYMINGTON, FRANK W	CYTOKINES IN HUMAN GRAFT-VERSUS-HOST DISEASE	79,552
INSTITUTION TOTAL	5	477,306	
ONCOGEN			
1R01 AI28065-01	ZARLING, JOYCE M	IMMUNITY IN HIV IMMUNIZED AND INFECTED PRIMATES & HUMANS	236,670
INSTITUTION TOTAL	1	236,670	
PACIFIC NORTHWEST RESEARCH FOUNDATION			
1S15 GM43451-01	BEAN, MICHAEL A	SMALL INSTRUMENTATION PROGRAM	6,624
INSTITUTION TOTAL	1	6,624	
SEATTLE BIOMEDICAL RESEARCH INSTITUTE			
1S15 AI29011-01	STUART, KENNETH D	SMALL INSTRUMENTATION PROGRAM	12,128
INSTITUTION TOTAL	1	12,128	
UNIVERSITY OF WASHINGTON			
1R01 CA49643-01	BERESFORD, SHIRLEY A	DIETARY INTERVENTION TRIAL IN PRIMARY CARE PRACTICES	346,298
1R01 HD25858-01	BERNINGER, VIRGINIA W	COMPONENT PROCESSES IN WRITING DISABILITIES	41,086
1R01 HL43397-01	BOTHWELL, MARK A	NGF IN LUNG DEVELOPMENT	104,701
1P01 GM42508-01	CLARK, EDWARD A	LYMPHOCYTE ACTIVATION	641,829
1R01 ES05194-01	FURLONG, CLEMENT EUGENE	HUMAN SERUM PARAOXONASE: ROLE IN PESTICIDE METABOLISM	189,286
1R01 AG08102-01A1	GROSSMANN, ANGELIKA	INTRACELLULAR CALCIUM REGULATION IN ALZHEIMER'S DISEASE	164,616
1S15 HL43963-01	HOLBROOK, KAREN A	SMALL INSTRUMENTATION PROGRAM	89,237
1S15 GM43442-01	JOHNSON, DALE E	SMALL INSTRUMENTATION PROGRAM	63,795
1R01 CA50738-01	KIVIAT, NANCY	ANAL DYSPLASIA IN HIV POSITIVE & NEGATIVE MEN	243,541
1R37 AG08303-01	MARTIN, GEORGE M	HOMOZYGOSITY MAPPING OF THE WERNER SYNDROME LOCUS	200,952
1R01 AR40089-01	MOON, RANDALL T	INHIBITION OF NONERYTHROID SPECTRIN BY ANTISENSE RNA	145,941
1R01 AR39818-01	OLERUD, JOHN E	ULTRASONIC ASSESSMENT OF SURGICAL WOUNDS	296,841
1S15 AI29069-01	OMENN, GILBERT S	SMALL INSTRUMENTATION PROGRAM	25,069
1S15 AR40209-01	OMNELL, KARL-AKE	SMALL INSTRUMENTATION PROGRAM	29,800
1R01 DK38531-01A2	OSBORNE, WILLIAM R	PURINE NUCLEOSIDE PHOSPHORYLASE GENE TRANSFER	153,742

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>WASHINGTON</b>			
<b>SEATTLE</b>			
UNIVERSITY OF WASHINGTON			
1P01 DE08555-01A1	PAGE, ROY C	HUMORAL IMMUNITY AND PERIODONTAL DISEASE	601,257
1R01 GM42896-01	REID, BRIAN R	HELICAL RNA, RNA:DNA HYBRIDS AND DNA-RNA JUNCTIONS	188,510
1R29 AR39730-01A1	RESING, KATHERYN A	PROTEIN PROCESSING IN EPIDERMAL DIFFERENTIATION	115,915
1R01 HD25404-01	RIVARA, FREDERICK P	BEHAVIOR AND PARENTAL EXPECTATIONS OF CHILD PEDESTRIANS	146,655
1R01 AG08240-01	SULLIVAN, MARK D	DISABLING TINNITUS AND DEPRESSION IN THE ELDERLY	172,664
1S10 RR04646-01	TRUMAN, JAMES W	CONFOCAL FLUORESCENCE IMAGING SYSTEM	169,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>		4,130,735	
		5,630,351	
<b>STATE TOTAL</b>			
		5,931,451	

<b>WEST VIRGINIA</b>			
<b>MORGANTOWN</b>			
WEST VIRGINIA UNIVERSITY			
1R01 CA49588-01	SIMON, KENNETH J	REDUCING CERVICAL CANCER MORTALITY IN WEST VIRGINIA	182,918
1R01 CA46350-01A2	STROBL, JEANNINE S	CALCIUM & ESTROGEN ACTION IN HUMAN BREAST CANCER	88,826
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>		271,744	
		271,744	
<b>STATE TOTAL</b>			
		271,744	

<b>WISCONSIN</b>			
<b>EAU CLAIRE</b>			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-EAU CLAIRE			
1R15 AI28089-01	HARTSEL, SCOTT C	ION CURRENTS MEASURED BY FLUORESCENT PROBE TECHNIQUES	96,162
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>		1	96,162
		1	96,162

<b>MADISON</b>			
UNIVERSITY OF WISCONSIN SYSTEM			
1R13 HD25962-01	KIMBLE, JUDITH E	GORDON RESEARCH CONFERENCE ON DEVELOPMENTAL BIOLOGY	1,500
<b>INSTITUTION TOTAL</b>			
		1	1,500
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R01 ES05142-01	BITTAR, E EDWARD	MECHANISMS BY WHICH CHLOROPHENOLS ACT AS CYTOTOXINS	74,666



NIH  
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>WISCONSIN</b>			
<b>MADISON</b>			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1S10 RR04952-01	CAMERON, JOHN R	MULTI-CHANNEL SQUID BIO GRADIOMETER	400,000
1S10 RR04661-01	DE METS, DAVID L	DEC VAX MODEL 8530 TO UPGRADE UWCCC COMPUTER SYSTEM	342,000
1R01 DK40393-01A1	DOVE, WILLIAM F	MOUSE GENETIC MODELS FOR PHENYLKETONURIA	115,068
1R01 AG07831-01A1	ERSHLER, WILLIAM B	CALORIE RESTRICTION AND AGING IN NON-HUMAN PRIMATES	201,298
1R01 A127790-01	HAYES, COLLEEN E	HELPER T LYMPHOCYTE FUNCTION IN VITAMIN A DEFICIENCY	117,734
1R29 GM42406-01	HEIDEMAN, WARREN	REGULATION OF ADENYLATE CYCLASE ACTIVITY IN YEAST	98,855
1R01 CA49582-01	HOFFMANN, F MICHAEL	GENETIC ANALYSIS OF DROSOPHILA ABELSON TYROSINE KINASE	152,988
1S15 GM43483-01	HUTCHINSON, CHARLES R	SMALL INSTRUMENTATION PROGRAM	13,182
1R01 HL42362-01	KEITH, INGEGERD M	ROLE OF REGULATORY PEPTIDES IN PULMONARY HYPERTENSION	105,424
1R01 NR02253-01	KELLER, MARY L	GENITAL HERPES/GENITAL WARTS: REPRESENTATIONS & COPING	111,786
1S10 RR04981-01	RECORD, M THOMAS, JR	400 MHZ NMR SPECTROMETER	400,000
1R01 HD24571-01A1	SELTZER, JUDITH A	DEMOGRAPHIC AND SOCIAL ISSUES IN CHILD SUPPORT	158,215
1R01 GM42366-01	SMITH, LLOYD M	SYSTEM FOR LARGE-SCALE AUTOMATED DNA SEQUENCING	390,543
1S10 RR04670-01	STELMACH, GEORGE E	BIOMEDICAL APPLICATIONS OF A 3-D RECORDING SYSTEM	160,000
INSTITUTION TOTAL	15	2,841,759	
CITY TOTAL	16	2,843,259	
<b>MILWAUKEE</b>			
MARQUETTE UNIVERSITY			
1R01 GM42641-01	DONALDSON, WILLIAM A	IRON COMPLEXES IN ACYCLIC POLYENE SYNTHESIS	64,896
INSTITUTION TOTAL	1	64,896	
MEDICAL COLLEGE OF WISCONSIN			
1R29 ES05006-01	EELIS, JANIS THANE	NEUROCHEMICAL MECHANISMS OF INSECTICIDE TOXICITY	100,525
1R01 NS27218-01	GODFREY, EARL W	ECM MOLECULES IN NEUROMUSCULAR JUNCTION DEVELOPMENT	147,504
1R29 CA50733-01	KRIEG-KOWALD, MARIANNE	MECHANISM OF PHOTODYNAMIC ACTION OF CYANINE DYES	105,770
INSTITUTION TOTAL	3	353,799	
<b>UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE</b>			
1R15 AG08282-01	SOTHMANN, MARK S	EXERCISE, AGING, AND SULFOCONJUGATED CATECHOLAMINES	105,937
INSTITUTION TOTAL	1	105,937	
CITY TOTAL	5	524,632	
STATE TOTAL	22	3,464,053	
<b>PUERTO RICO</b>			
SAN JUAN			
CARIBBEAN MICROPARTICLES CORPORATION			
1R43 GM43030-01	SCHWARTZ, ABRAHAM	QUANTITATIVE INDO-1 MICROBEAD STANDARD IN FLOW CYTOMETRY	50,000

NIH  
RESEARCH GRANTS

DOLLARS  
AWARDED

## TITLE OF RESEARCH PROPOSAL

## GRANT NUMBER

## PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000  
STATE TOTAL 1 50,000

## CANADA

## CALGARY

## UNIVERSITY OF CALGARY

1R01 HL42470-01 REMMERS, JOHN E

OBSTRUCTIVE SLEEP APNEA &amp; PERIODIC BREATHING IN SLEEP

50,634

INSTITUTION TOTAL 1 50,634  
CITY TOTAL 1 50,634

## EDMONTON

## ALBERTA CANCER BOARD--DR. W. W. CROSS CANCER INSTITUTE

1R01 CA49936-01 DAY, RUFUS S III

CELLULAR DNA REPAIR RESPONSE TO METHYLATING AGENTS

76,095

INSTITUTION TOTAL 1 76,095

## UNIVERSITY OF ALBERTA

1R01 GM42375-01 DUNN, SUSAN M J

MOLECULAR STUDIES OF VOLTAGE-DEPENDENT CALCIUM CHANNELS

61,278

INSTITUTION TOTAL 1 61,278  
CITY TOTAL 2 137,373

## KINGSTON

## QUEEN'S UNIVERSITY AT KINGSTON

1R01 NS27193-01 LOEB, GERALD E

MUSCULOSKELETAL DYNAMICS AND MOTORCONTROL

147,843

INSTITUTION TOTAL 1 147,843  
CITY TOTAL 1 147,843

## TORONTO

## MOUNT SINAI HOSPITAL

1R01 HD25334-01 ROSSANT, JANET

GENETIC CONTROL OF EARLY MAMMALIAN DEVELOPMENT

127,793

INSTITUTION TOTAL 1 127,793  
CITY TOTAL 1 127,793

STATE TOTAL 5 463,643

NIH  
RESEARCH GRANTSDOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FRANCE			
LYON			
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER			
1R01 CA47591-01A1	BARTSCH, HELMUT	BACTERIA-DNA DAMAGE IN STOMACH AND BLADDER CANCERS	136,685
1R13 CA48683-01	BARTSCH, HELMUT	MEETING ON N-NITROSO COMPOUNDS MYCOTOXINS & TOBACCO	8,000

INSTITUTION TOTAL	2	144,685
CITY TOTAL	2	144,685
STATE TOTAL	2	144,685

ISRAEL			111,816
JERUSALEM			
HEBREW UNIVERSITY OF JERUSALEM			
1R01 CA48146-01A1	HOCHMAN, JACOB D	MONOCLONAL ANTIBODIES TO HUMAN MULTI DRUG RESISTANCE	111,816

INSTITUTION TOTAL	1	111,816
CITY TOTAL	1	111,816
STATE TOTAL	1	111,816

ITALY			46,143
PARMA			
UNIVERSITY OF PARMA			
1R01 EY08074-01	MARAINI, GIOVANNI	BIOCHEMICAL LENS DAMAGE AND CATARACT RISK FACTORS	46,143

INSTITUTION TOTAL	1	46,143
CITY TOTAL	1	46,143
STATE TOTAL	1	46,143

TOTAL	1,376	174,836,926
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NIH RESEARCH CONTRACTS				
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK		DOLLARS AWARDED
ALABAMA				
BIRMINGHAM				
MOLECULAR ENGINEERING ASSOCIATES, INC.				
1N43 AI95019-00	MATSUOKA, YUMIKO	HUMAN PARAINFLUENZA TYPE 2 VIRUS GLYCOPROTEIN GENES	49,108	
INSTITUTION TOTAL 1			49,108	
SCIENTIFIC APPLICATIONS COMPANY, INC.				
1N01 HD92920-00	CUTTER, GARY R	UMBILICAL ARTERY CATHETER PLACEMENT	164,933	
INSTITUTION TOTAL 1			164,933	
SOUTHERN RESEARCH INSTITUTE				
1N01 CM97574-00	PAGE, JOHN G	PRECLINICAL TOXICICLOGY/PHARMACOLOGY/DEVELOP DRUGS/AIDS	857,991	
INSTITUTION TOTAL 1			857,991	
CITY TOTAL 3			1,072,032	
STATE TOTAL 3			1,072,032	
CALIFORNIA				
ALAMEDA				
LEXICAL TECHNOLOGY, INC.				
1N01 LM93517-00	TUTTLE, MARK	EDITING UMLS METATHESAURUS RECORDS	139,295	
INSTITUTION TOTAL 1			139,295	
CITY TOTAL 1			139,295	
HAYWARD				
BALDUR SYSTEMS CORPORATION				
1N43 C095181-00	HU, DAVID	KNOWLEDGE-BASED DECISION SYSTEM FOR CANCER TREATMENT	50,000	
INSTITUTION TOTAL 1			50,000	
CITY TOTAL 1			50,000	
IRVINE				
UNIVERSITY OF CALIFORNIA AT IRVINE				
1N01 HC95100-00	GARDIN, JULIUS M	CARDIA-ECHOCARDIOGRAPHY READING CENTER	905,491	
INSTITUTION TOTAL 1			905,491	
CITY TOTAL 1			905,491	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA LOS ANGELES SOHAR, INC. IN43 CN95195-00	HECHT, MYRON	ENHANCED FOOD COMPOSITION RESEARCH DATA BASE	50,000
INSTITUTION TOTAL	1		50,000
UNIVERSITY OF CALIFORNIA AT LOS ANGELES IN01 HR96038-00	KAPLAN, SAMUEL	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	157,970
INSTITUTION TOTAL	1		157,970
UNIVERSITY OF SOUTHERN CALIFORNIA IN01 CM97620-00 IN01 CP95659-00	CHAN, KENNETH HENDERSON, BRIAN E	PRECLINICAL PHARMACOLOGY INVESTIGATION/ANTITUMOR AGENTS BREAST CANCER IN ORIENTAL AMERICANS	194,174 74,799
INSTITUTION TOTAL	2		268,973
CITY TOTAL	4		476,943
MOUNTAIN VIEW CALIFORNIA BIOTECHNOLOGY, INC. IN43 DK92253-00	LEWICKI, JOHN A	INHIBITORS OF ATRIAL NATRIURETIC PEPTIDE CLEARANCE	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
OAKLAND CRUNCH SOFTWARE CORPORATION IN43 CP95628-00	BOSTROM, ALAN	MICROCOMPUTER PROGRAM FOR CALCULATIONS	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
PALO ALTO SOCIOMETRICS CORPORATION IN43 HD92917-00	CARD, JOSEFINA J	ESTABLISHMENT OF A FAMILY DATA ARCHIVE	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
PASADENA HUNTINGTON MEDICAL RESEARCH INSTITUTES IN01 NS92326-00	AGNEW, WILLIAM F	SAFE METHOD--INTRACORTICAL/PERIPHERAL NERVE STIMULATION	428,905

NIH RESEARCH CONTRACTS				
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK		DOLLARS AWARDED
CALIFORNIA				
PASADENA				
HUNTINGTON MEDICAL RESEARCH INSTITUTES				
1N01 NS92402-00	MC GREERY, DOUGLAS B	FEASIBILITY OF A CNS AUDITORY PROSTHESIS		212,439
INSTITUTION TOTAL	2		641,344	
CITY TOTAL	2		641,344	
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1N01 HR96039-00	TEITEL, DAVID F	PEDIATRIC LUNG AND COMPLICATIONS OF HIV INFECTION		201,676
INSTITUTION TOTAL	1		201,676	
CITY TOTAL	1		201,676	
SANTA MONICA				
SPECIALTY LABORATORIES, INC.				
1N43 AI95023-00	SERALL, SANDERS J	DIAGNOSE MYCOBACTERIAL DISEASE/POLYMERASE CHAIN REACTION		49,964
INSTITUTION TOTAL	1		49,964	
CITY TOTAL	1		49,964	
SIMI VALLEY				
PHARM-ECO LABORATORIES				
1N01 CM97587-00	BHAT, VENTATRAMANA	LARGE-SCALE PREPARATION OF ANTI-AIDS DRUGS		331,827
INSTITUTION TOTAL	1		331,827	
CITY TOTAL	1		331,827	
SYLMAR				
ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH				
1N01 NS92327-00	SCHULMAN, JOSEPH H	MICROSTIMULATOR--FUNCTIONAL NEUROMUSCULAR STIMULATION		168,175
INSTITUTION TOTAL	1		168,175	
CITY TOTAL	1		168,175	
THOUSAND OAKS				
AMGEN				
1N43 CP95636-00	HARE, DAVID L	EXPRESSION--SYNTHETIC DNA SEQUENCES/HTLV-I ENV PROTEIN		50,000
INSTITUTION TOTAL	1		50,000	
CITY TOTAL	1		50,000	



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CALIFORNIA			
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1N01 DK92246-00 PARLOW, ALBERT F		EXTRACTION AND PURIFICATION OF RAT PITUITARY HORMONES	283,077

INSTITUTION TOTAL	1	283,077
CITY TOTAL	1	283,077

STATE TOTAL	18	3,447,792
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COLORADO			
LONGMONT			
TBC RESEARCH LABORATORIES			
1N43 CP95668-00 STABINSKY, YITZHAK		ENHANCED PRODUCTION OF HIV-1 PROTEASE IN E COLI	50,000

INSTITUTION TOTAL	1	50,000
CITY TOTAL	1	50,000

STATE TOTAL	1	50,000
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CONNECTICUT			
EAST HAVEN			
RON-TRON ENGINEERING			
1N43 DK92255-00 ARPINO, RONALD G		REMOTE FLUORESCENCE SPECTROSCOPY/FIBEROPTIC ENDOSCOPY	32,417

INSTITUTION TOTAL	1	32,417
CITY TOTAL	1	32,417

NEW HAVEN			
BIOS CORPORATION			
1N43 CP95631-00 LEWIS, MARCIA		PROBES TO DETECT EBV INTEGRATION IN HUMAN CELLS	50,000

INSTITUTION TOTAL	1	50,000
CITY TOTAL	1	50,000

NORWALK			
GENZYME CORPORATION			
1N01 NS92358-00 FURBISH, SCOTT F		HOMOGENEOUS CERAMIDETRIHEXOSIDASE FROM HUMAN PLACENTA	86,591
1N01 NS92360-00 FURBISH, SCOTT F		SOHINGOMYELINASE FROM HUMAN PLACENTAL TISSUE	118,044

INSTITUTION TOTAL	2	204,635
CITY TOTAL	2	204,635

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

## SCOPE OF WORK

CONTRACT NUMBER PROJECT DIRECTOR

STATE TOTAL 4 287,052

DIST OF COL  
WASHINGTONAMERICAN NATIONAL RED CROSS  
1N01 HB97075-00 MCCULLOUGH, JEFFREY

1,084,326

INSTITUTION TOTAL 1 1,084,326

EMPRISE, INC.

1N43 CN95193-00 BARNETT, BETH

COMPUTERIZED TRAINING IN CANCER PAIN MANAGEMENT

50,000

INSTITUTION TOTAL 1 50,000

FACILITIES MANAGEMENT COMPANY, INC.

1N01 LM93515-00 SIMS, FREDERICK L

INTERLIBRARY LOAN PHOTOCOPY

1

INSTITUTION TOTAL 1 1

NATIONAL ACADEMY OF SCIENCES

1N01 HO99006-00 GOODMAN, CLIFFORD S

EVALUATION OF THE NHLBI ARTIFICIAL HEART PROGRAM  
PROGRAM ADVISORY SERVICES49,000  
88,550

INSTITUTION TOTAL 2 137,550

TECHNICAL ASSESSMENT, INC.

1N43 CN95194-00 PETERSEN, BARBARA

FOOD COMPONENT RESEARCH DATABASE/MICROCOMPUTERS

50,000

INSTITUTION TOTAL 1 50,000

WASHINGTON CONSULTING GROUP

1N01 CO94381-00 HIRSCHHORN, RONALD J

ADP SUPPORT SERVICES FOR DEA AND THE OD, NCI

285,930

INSTITUTION TOTAL 1 285,930  
CITY TOTAL 7 1,607,807

STATE TOTAL 7 1,607,807

FLORIDA

CLEARWATER

OXFORD MEDILOG, INC.

1N43 ES91002-00 HARDS, ROBERT

ENDOGENOUS ACTIVATION OF PREMUTAGENS BY L5178Y CELLS

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

## SCOPE OF WORK

REAL-TIME PORTAL IMAGING IN RADIATION THERAPY

50,000

## PROJECT DIRECTOR

## CONTRACT NUMBER

FLORIDA

GAINESVILLE

MEGAVOLTAGE IMAGING

MAUDERLI, WALTER

1N43 CM97602-00

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

STATE TOTAL 2 100,000

ILLINOIS

CHICAGO

IIT RESEARCH INSTITUTE

1N01 ES95266-00 ARANYI, CATHERINE

368,250

PRECHRONIC INHALATION STUDY OF VANADIUM PENTOXIDE

INSTITUTION TOTAL 1 368,250

UNIVERSITY OF CHICAGO

1N01 ES95267-00 HERBST, ARTHUR

174,968

IMPACT OF PRENATAL EXPOSURE TO DIETHYLSTILBESTROL

INSTITUTION TOTAL 1 174,968

UNIVERSITY OF ILLINOIS AT CHICAGO

1N01 CM97567-00 MEHATA, RAJESHWARI R

155,329

PROCUREMENT OF HUMAN BREAST CANCER CELL LINES

INSTITUTION TOTAL 1 155,329  
CITY TOTAL 3 698,547

LOMBARD

I. S. GRUPE, INC.

1N43 CP95640-00

BECKER, DAVID S

DEVELOP A CD-ROM OF MORTALITY DATA

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

SKOKIE

MED/GRAPHICS DIVISION, LORD LABEL AND MANUFACTURING COMPANY

1N43 CP95637-00 KRIOZERE, RICHARD

BAR CODED SAMPLE TRACKING/COLLECTION SYSTEM

28,000

INSTITUTION TOTAL 1 28,000  
CITY TOTAL 1 28,000

STATE TOTAL 5 776,547



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

## SCOPE OF WORK

220,660

## PROJECT DIRECTOR

## CONTRACT NUMBER

## INDIANA

KENDALLVILLE

NORTHEASTERN MENTAL

1N01 HD92919-00

HEALTH CENTER

MOORE, KRISTIN A

INSTITUTION TOTAL

1

220,660

CITY TOTAL

1

220,660

STATE TOTAL

1

220,660

## IOWA

IOWA CITY

UNIVERSITY OF IOWA

1N01 CM97577-00

CHIN, TING-FONG

1N01 CP95602-00

KROSS, BURTON C

INSTITUTION TOTAL

2

681,900

CITY TOTAL

2

681,900

STATE TOTAL

2

681,900

## KANSAS

LAWRENCE

UNIVERSITY OF KANSAS

1N01 DE92575-00

HEFFERREN, JOHN B

1N01 CM97576-00

STELLA, VALENTINO J

INSTITUTION TOTAL

2

327,046

CITY TOTAL

2

327,046

STATE TOTAL

2

327,046

## KENTUCKY

LEXINGTON

ENVIRONMENTAL HEALTH

1N01 ES95249-00

RESEARCH AND TESTING

GULATI, DUSHYANT

INSTITUTION TOTAL

1

146,681

CITY TOTAL

1

146,681

STATE TOTAL

1

146,681

## RANGE FINDING STUDIES--DEVELOPMENTAL TOXICITY

146,681

BIOADHESIVE SYSTEM FOR ORAL CANDIDIASIS  
DOSAGE FORMS/DELIVERY SYSTEM FOR NEW ANTITUMOR AGENTS

92,516

234,530

DEVELOP AND PRODUCE PHARMACEUTICAL DOSAGE FORMS  
EXPOSURE ASSESSMENT METHODS FOR PESTICIDES

445,813

236,087

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<b>MAINE</b>			
JACKSON LABORATORY 1N01 AI95024-00	MOBRAATEN, LARRY E	CRYOPRESERVED MOUSE EMBRYO REPOSITORY	118,270
INSTITUTION TOTAL CITY TOTAL	1 1		118,270 118,270
STATE TOTAL	1		118,270
<b>MARYLAND</b>			
BALTIMORE MOLECULAR DIAGNOSTIC SYSTEMS, INC. 1N43 CP95633-00	NAGHASHFAR, ZOHREH	MONOCLONAL ANTIBODIES TO EPSTEIN-BARR VIRUS PEPTIDES	50,000
INSTITUTION TOTAL	1		50,000
<b>MARYLAND</b>			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1N01 CP95624-00	TRUMP, BENJAMIN F	BALTIMORE PROFESSIONAL SCHOOL RESOURCE FOR COLLECTION AND EVALUATION OF HUMAN TISSUE	527,710
INSTITUTION TOTAL CITY TOTAL	1 2		527,710 577,710
<b>BETHESDA</b>			
BRC ASSOCIATES, INC. 1N01 HD92914-00	CONLEY, MARY	DIABETES IN EARLY PREGNANCY PROJECT--DATA ANALYSIS	64,063
INSTITUTION TOTAL	1		64,063
<b>BETHESDA</b>			
CIVILIZED SOFTWARE, INC. 1N43 CP95635-00	BUNOW, BARRY J	GENERATION OF BIOSTATISTICAL DISTRIBUTIONS	44,000
INSTITUTION TOTAL	1		44,000
<b>BETHESDA</b>			
TASCONSULTATION ASSOCIATES, INC. 1N01 LM93514-00	DEGRAFFENREID, LINDA	SUPPORT SERVICES FOR THE NATIONAL LIBRARY OF MEDICINE	110,510
INSTITUTION TOTAL CITY TOTAL	1 3		110,510 218,573
<b>CHEVY CHASE</b>			
LMP ASSOCIATES, INC. 1N43 CN95179-00	RUDNER, LAWRENCE M	SOFTWARE TO AID IN THE META-ANALYSIS OF RESEARCH	47,000
INSTITUTION TOTAL	1		47,000

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

## SCOPE OF WORK

CONTRACT NUMBER PROJECT DIRECTOR

CITY TOTAL 1 47,000

## MARYLAND

FREDERICK  
PATHOLOGY ASSOCIATES, INC.  
1N01 AG92110-00 HALL, WILLIAM

PATHOLOGY CHARACTERIZATION GRC WISTAR RAT COLONY

82,631

INSTITUTION TOTAL 1 82,631  
CITY TOTAL 1 82,631

## IJAMSVILLE

BIOLOGICAL RESEARCH FACILITY AND FACILITY, INC.  
1N43 ES91001-00 KAIGHN, EDWARD

DEVELOPMENT OF A SERUM-FREE MEDIUM FOR CELLS

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 1 50,000

## LAUREL

AMVAX  
1N01 HD92908-00 SEKURA, RONALD D

PRODUCTION OF AN ACELLULAR PERTUSSIS VACCINE--TOXOID

1,500,000

INSTITUTION TOTAL 1 1,500,000  
CITY TOTAL 1 1,500,000

## MIDDLETOWN

BIO-MOLECULAR TECHNOLOGY, INC.  
1N43 CP95634-00 HAMPAR, BERGE  
1N43 CP95642-00 HAMPAR, BERGE

ANTIBODY PROBES FOR HUMAN B-LYMPHOTROPIC VIRUS  
MOLECULAR PROBES FOR HUMAN B-LYMPHOTROPIC VIRUS

48,500  
45,000

INSTITUTION TOTAL 2 93,500  
CITY TOTAL 2 93,500

## ROCKVILLE

BIOTECH RESEARCH LABORATORIES, INC.  
1N43 AI95018-00 DUSING, SANDRA K  
1N01 CP95663-00 RINGER, DANIEL C

S V ADENOVIRUS RECOMBINANTS FOR VACCINE EFFICACY  
BIOLOGICAL SPECIMENS/PERSONS AT HIGH RISK OF CANCER

49,305  
246,069

INSTITUTION TOTAL 2 295,374

HAZLETON LABORATORIES CORPORATION--GOVERNMENT SERVICES DIVISION

1N01 CP95670-00 MOORE, MICHAEL RESOURCE FOR XENOTRANSPLANTATION

353,709



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
ROCKVILLE			
HAZLETON LABORATORIES CORPORATION--GOVERNMENT SERVICES DIVISION			
1N01 CB95621-00	VALENTINE, DAREN	FERAL MOUSE BREEDING COLONY	144,581
INSTITUTION TOTAL 2 498,290			
INFORMATION MANAGEMENT SERVICES			
1N43 CN95197-00	BROOKS, EMILY M	GRAPHICAL INTERNATIONAL FOOD RETRIEVAL/ANALYSIS PROGRAM	49,000
1N01 CB95600-00	DUNSMORE, MARLENE	BIOMEDICAL COMPUTING SOFTWARE SERVICES	119,931
1N01 CN95127-00	GRIFFEN, CAROL	ISO-BCC STUDY COORDINATING CENTER	176,908
1N01 NS92325-00	LAKE, WILLIAM H	BIOMEDICAL RESEARCH DATA MANAGEMENT SUPPORT	55,578
INSTITUTION TOTAL 4 401,417			
MICROBIOLOGICAL ASSOCIATES, INC.			
1N01 ES95252-00	PUTMAN, DONALD	DEVELOPMENT OF MUTAGENESIS ASSAY USING TRANSGENIC MICE	435,722
INSTITUTION TOTAL 1 435,722			
PROSPECT ASSOCIATES, LTD.			
1N01 OD92111-00	KEAN, THOMAS J	SUPPORT SERVICES TECHNOLOGY ASSESSMENT AND TRANSFER	500,000
INSTITUTION TOTAL 1 500,000			
ROW SCIENCES, INC.			
1N01 CN95182-00	AMACHER, RICHARD	SMOKING AND TOBACCO CONTROL MONOGRAPHS	674,687
INSTITUTION TOTAL 1 674,687			
THERACEL CORPORATION			
1N43 AI95020-00	MAXIM, PETER E	ADJUVANT ACTIVITY OF BUTYROLACTONE DRUGS	49,771
INSTITUTION TOTAL 1 49,771			
UNIVERSAL HI-TECH DEVELOPMENT, INC.			
1N01 C094392-00	WOOD, THOMAS C	SUPPORT FOR NCI/NICHD LOCAL AREA NETWORKS	352,000
INSTITUTION TOTAL 1 352,000			
WESTAT, INC.			
1N01 CP95618-00	MORAN, FRANK X	SUPPORT OF OCCUPATIONAL STUDIES	462,572
INSTITUTION TOTAL 1 462,572			
CITY TOTAL 14 3,669,833			

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND SILVER SPRING KBI GROUP, INC. 1N43 CN95190-00	LEVITAN, KAREN B	EVALUATION OF WORKSITE HEALTH PROMOTION MATERIALS	50,000
INSTITUTION TOTAL	1		50,000
WESTCO AUTOMATED SYSTEMS AND SALES, INC. 1N01 LM93511-00	HALKETT, IAN W	NON-COLATILE HIGH-PERFORMANCE STORAGE UNIT	36,600
INSTITUTION TOTAL	1		36,600
CITY TOTAL	2		86,600
STATE TOTAL	27		6,325,847
MASSACHUSETTS BEDFORD TROPIC, INC. 1N43 AI95022-00	BRONSTEIN, IRENA Y	DETECTION /INFECTIOUS DIS WITH ENZYME LABELED DNA PROBES	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1N01 HD92913-00	GRAHAM A	MORTALITY STUDY OF MEN WHO HAVE UNDERGONE VASECTOMY	150,000
INSTITUTION TOTAL	1		150,000
CHILDREN'S HOSPITAL 1N01 HR96041-00	LIPSCHULTZ, STEPHEN	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	157,973
INSTITUTION TOTAL	1		157,973
CITY TOTAL	2		307,973
BURLINGTON MEDICAL RESEARCH INTERNATIONAL, INC. 1N01 HD92912-00	HARTZ, STORAT C	DATA BASES/RISKS/BENEFIT/OF CONTRACEPTION & HORMONE USE	117,320
INSTITUTION TOTAL	1		117,320
CITY TOTAL	1		117,320

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE CYTEL SOFTWARE CORPORATION 1N43 CP95627-00	MEHTA, CYRUS R	ELECTRONIC TABLES FOR STATISTICIANS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000
GARDNER PRECISION OPTICS CORPORATION 1N43 DK92252-00	MAGNANTE, PETER C	SPECTROCHEMICAL ANALYSIS--GASTROINTESTINAL SYSTEM	35,500
INSTITUTION TOTAL CITY TOTAL	1 1		35,500 35,500
SCITUATE MOCO, INC. 1N43 CP95632-00	MAULUCCI, RUTH A	MICROCOMPUTER GENERATED STATISTICAL TABLES	49,000
INSTITUTION TOTAL CITY TOTAL	1 1		49,000 49,000
WATERTOWN NEW ENGLAND RESEARCH INSTITUTE, INC. 1N01 HB97073-00	MCKINLAY, SONJA M	INVESTIGATION--PATIENT GROUPS FROM CSSCD--STAT CENTER	576,403
INSTITUTION TOTAL	1		576,403
RADIATION MONITORING DEVICES, INC. 1N43 CM97606-00 1N43 CM97601-00	E, GERALD FREDERICK, EDWIN E	COMPENDIUM OF RADIATION TREATMENT ACCESSORIES REAL-TIME PORTAL SCANNER/RADIATION THERAPY	50,000 50,000
INSTITUTION TOTAL CITY TOTAL	2 3		100,000 676,403
WOBURN BIOTEK, INC. 1N43 CM97604-00	NUWAYSER, ELIE S	HEAT ACTIVATED MICROPARTICLE DRUG DELIVERY SYSTEMS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MASSACHUSETTS			
WOODS HOLE			
MARINE BIOLOGICAL LABORATORY			
1N01 NS92357-00	EPSTEIN, RAY		
INSTITUTION TOTAL	1		176,218
CITY TOTAL	1		176,218

176,218

WORCESTER			
E G & G INC.--MASON	RESEARCH INSTITUTE		
1N01 ES95258-00	BRAUN, ANDREW		
1N01 ES95268-00	BRAUN, ANDREW		
INSTITUTION TOTAL	2		977,237
CITY TOTAL	2		977,237
STATE TOTAL	14		2,489,651

574,466  
402,771

MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
1N01 CM97618-00	AMES, MATTHEW M		
1N01 CB95601-00	DIMAGNO, EUGENE		
INSTITUTION TOTAL	2		358,501
CITY TOTAL	2		358,501
STATE TOTAL	2		358,501

126,230  
232,271

MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1N01 HD92916-00	HILLMAN, LAURA S		
INSTITUTION TOTAL	1		42,731
CITY TOTAL	1		42,731
STATE TOTAL	1		42,731

42,731

NEW HAMPSHIRE			
LEBANON			
VERAX CORPORATION			
1N43 CP95669-00	WORDEN, MARGARET		
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
STATE TOTAL	1		50,000

50,000

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK			
1N01 HD92909-00	CHIEN, YIE W	TRANSDERMAL DELIVERY SYSTEMS FOR FERTILITY REGULATION	229,674
INSTITUTION TOTAL	1	229,674	
CITY TOTAL	1	229,674	
PRINCETON			
PRINCETON SCIENTIFIC INSTRUMENTS, INC.			
1N43 DK92254-00	COPE, A D	REMOTE SPECTROSCOPY IN GASTROINTESTINAL ENDOSCOPY	48,564
INSTITUTION TOTAL	1	48,564	
CITY TOTAL	1	48,564	
STATE TOTAL	2	278,238	
NEW YORK			
AMHERST			
BIO MED SCIENCES, INC.			
1N43 CM97603-00	KAUFMAN, SOL	RADIATION ONCOLOGY DATA INFORMATION AND ADVISORY SYSTEM	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
BUFFALO			
ANALYSIS AND SIMULATION, INC.			
1N43 CN95191-00	KAUFMAN, SOL	ONCOLOGIC PAIN INSTRUCTION/ADVISORY TREATMENT SYSTEM	48,500
INSTITUTION TOTAL	1	48,500	
STARKS ASSOCIATES			
1N01 CM97626-00	HSIAO, LUKE Y	LARGE SCALE PREPARATION OF ANTI-AIDS DRUGS	298,581
1N01 CM97569-00	PERCHONOCK, CARL D	SELECTION OF COMPOUNDS FOR ANTICANCER/AIDS SCREENING	771,040
INSTITUTION TOTAL	2	1,069,621	
CITY TOTAL	3	1,118,121	

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>NEW YORK</b>			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1N01 HR96042-00	KATTAN, MEYER	PEDIATRIC HEART AND LUNG COMPLICATIONS OF HIV INFECTION	172,958
INSTITUTION TOTAL	1	172,958	
<b>PRESBYTERIAN HOSPITAL IN NEW YORK</b>			
1N01 HR96043-00	BIERMAN, FREDRICK Z	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	187,983
INSTITUTION TOTAL	1	187,983	
CITY TOTAL	2	360,941	
<b>SYRACUSE</b>			
<b>APPLIED LOGIC SYSTEMS, INC.</b>			
1N43 CN95196-00	BOWEN, KENNETH A	INTELLIGENT FCADB INTERFACES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	7	1,579,062	
<b>NORTH CAROLINA</b>			
<b>CHAPEL HILL</b>			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1N01 CM97627-00	RUBINO, JOSEPH T	DOSAGE FORMS AND DELIVERY SYSTEM FOR ANTITUMOR AGENTS	117,280
INSTITUTION TOTAL	1	117,280	
CITY TOTAL	1	117,280	
<b>RALEIGH</b>			
<b>C. ABACI, INC.</b>			
1N43 CP95629-00	BATTISTE, E L	SCIENTIFIC DISTRIBUTION FUNCTION SOFTWARE	50,000
INSTITUTION TOTAL	1	50,000	
<b>HYBRIZYME CORPORATION</b>			
1N43 CM97605-00	WIKE, WILLIAM B	DEVELOPMENT OF A MONOCLONAL ANTIBODY DATABASE	44,000
INSTITUTION TOTAL	1	44,000	
CITY TOTAL	2	94,000	



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER PROJECT DIRECTOR SCOPE OF WORK

SPEECH PROCESSORS FOR AUDITORY PROSTHESES 373,507

INSTITUTION TOTAL 1 373,507

TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION  
1N43 CP95630-00 GRAVELY, BEN T

50,000

INSTITUTION TOTAL 1 50,000  
CITY TOTAL 2 423,507

STATE TOTAL 5 634,787

OHIO  
ATHENS

DNX INC

1N01 ES95253-00

PINKERT, CARL

277,198

DEVELOPMENT OF MUTAGENESIS ASSAY USING TRANSGENIC MICE

INSTITUTION TOTAL 1 277,198  
CITY TOTAL 1 277,198

CLEVELAND

CASE WESTERN RESERVE UNIVERSITY

1N01 NS92355-00 NEUMAN, MICHAEL R

PROSTHETIC SENSORY TRANSDUCERS

221,260

INSTITUTION TOTAL 1 221,260

CLEVELAND CLINIC FOUNDATION

1N01 HR96037-00 BOYETT, JAMES

1N01 CM97622-00 BUKOWSKI, RONALD M

PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV  
PHASE I/II CLINICAL BIOLOGICAL RESPONSE MODIFICATION

547,777  
464,901

INSTITUTION TOTAL 2 1,012,678  
CITY TOTAL 3 1,233,938

COLUMBUS

BATTELLE MEMORIAL INSTITUTE

1N01 CM97617-00 PLACKE, MICHAEL E

PRECLINICAL TOXICOLOGY/PHARMACOLOGY/DEVELOP DRUGS/AIDS

969,792

INSTITUTION TOTAL 1 969,792

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
1N01 CM97619-00	MALSPEIS, LOUIS	PRECLINICAL PHARMACOLOGY INVESTIGATION/ANTITUMOR AGENTS	194,755

INSTITUTION TOTAL	1	194,755
CITY TOTAL	2	1,164,547

STATE TOTAL	6	2,675,683
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OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1N01 LM93516-00	WITTER, DAVID H	BIOMEDICAL INFORMATION COMMUNICATIONS CENTER	5,405,249

INSTITUTION TOTAL	1	5,405,249
CITY TOTAL	1	5,405,249

STATE TOTAL	1	5,405,249
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TENNESSEE			
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
1N01 C094394-00	HARGREAVES, MARGARET	CANCER PREVENTION AWARENESS	202,730

INSTITUTION TOTAL	1	202,730
CITY TOTAL	1	202,730

STATE TOTAL	1	202,730
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TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 HR96040-00	SHEARER, WILLIAM T	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	203,660

INSTITUTION TOTAL	1	203,660
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TEXAS SOUTHERN UNIVERSITY			
1N01 C094393-00	FENNELL, PEARLIE	CANCER PREVENTION AWARENESS	156,415

INSTITUTION TOTAL	1	156,415
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NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
<b>TEXAS</b>			
<b>HOUSTON</b>			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1N01 CM97610-00	MURRY, LEE	CLINICAL TRIALS OF MONOCLONAL ANTIBODIES	

468,646

INSTITUTION TOTAL	1	468,646
CITY TOTAL	3	828,721

STATE TOTAL	3	828,721
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**UTAH**

<b>SALT LAKE CITY</b>	
TECHNICAL RESEARCH ASSOCIATES, INC.	
1N43 ES91003-00	BEHZDIAN, K

50,000

IMPLANTABLE IDENTIFICATION DEVICE FOR SMALL ANIMALS

INSTITUTION TOTAL	1	50,000
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**UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH**

1N01 CM97585-00	ANDERSON, BRADLEY D	DOSAGE OF NEW AGENTS FOR THE TREATMENT OF AIDS
1N01 NS92328-00	SWINYARD, EWART A	EARLY EVALUATION OF ANTICONVULSANT DRUGS

133,886  
1,068,487

INSTITUTION TOTAL	2	1,202,373
CITY TOTAL	3	1,252,373

STATE TOTAL	3	1,252,373
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**VERMONT**

<b>SOUTH BURLINGTON</b>	
SECOND FOUNDATION, INC.	
1N43 CO95180-00	WALTON, PETER L

50,000

DEVELOPMENT OF A CLINICAL ONCOLOGY WORKSTATION

INSTITUTION TOTAL	1	50,000
CITY TOTAL	1	50,000

STATE TOTAL	1	50,000
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**VIRGINIA**

<b>ALEXANDRIA</b>	
INTER SYSTEMS, INC.	
1N01 HD92911-00	BULCAVAGE, FRANCIS J

74,800

LINKING DATA FOR PERINATAL PROJECT/INFANT DEATH INDEX

INSTITUTION TOTAL	1	74,800
CITY TOTAL	1	74,800



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
VIRGINIA			
ANNANDALE			
JWK INTERNATIONAL CORPORATION			
1N43 CN95178-00	HEINE, ANNE C	COMPUTER-BASED DIETARY INTERVENTION PROGRAM	50,000

INSTITUTION TOTAL	1	50,000
CITY TOTAL	1	50,000
STATE TOTAL	2	124,800

WASHINGTON			
BOTHILL			
MICROPROBE CORPORATION			
1N43 AI95017-00	GAMPER, HOWARD B	RETROVIRUS MODEL--EVALUATE ANTI-SENSE PROBE THERAPY	50,000
1N43 AI95021-00	VERMEULEN, NICOLAAS M	DNA AND RNA EXTRACTION FROM FECES FOR DNA PROBE ANALYSIS	49,991

INSTITUTION TOTAL	2	99,991
CITY TOTAL	2	99,991

RICHLAND			
BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION			
1N01 ES95259-00	CHOU, BILLY	PILOT AND CHRONIC TOXICITY STUDY OF TETRAHYDROFURAN	1,233,905
1N01 ES95262-00	CHOU, BILLY J	CHRONIC COCARCINOGENICITY STUDY OF OZONE AND NNK	185,107

INSTITUTION TOTAL	2	1,419,012
CITY TOTAL	2	1,419,012
STATE TOTAL	4	1,519,003

WEST VIRGINIA			
MORGANTOWN			
RESOURCE TECHNOLOGIES GROUP, INC.			
1N43 CP95641-00	CASE, GEORGE D	PORTABLE BIOCHEMICAL DETECTOR FOR CARCINOGEN EXPOSURES	50,000

INSTITUTION TOTAL	1	50,000
CITY TOTAL	1	50,000
STATE TOTAL	1	50,000

WISCONSIN			
MILWAUKEE			
BLOOD CENTER OF SOUTHEASTERN WISCONSIN			
1N01 HB97083-00	MENITOVE, DR JAY	NATIONAL MARROW DONOR PROGRAM	255,956

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
INSTITUTION TOTAL	1		255,956
CITY TOTAL	1		255,956
STATE TOTAL	1		255,956
AUSTRALIA			
PARKVILLE			
UNIVERSITY OF MELBOURNE			
1N01 NS92400-00	CLARK, GRAEME M		
INSTITUTION TOTAL	1		124,609
CITY TOTAL	1		124,609
STATE TOTAL	1		124,609
ITALY			
PARMA			
UNIVERSITY OF PARMA			
1N01 EY92108-00	GIOVANNI, MARAINI		
INSTITUTION TOTAL	1		171,119
CITY TOTAL	1		171,119
STATE TOTAL	1		171,119
SWITZERLAND			
GENEVA			
INTERNATIONAL UNION AGAINST CANCER			
1N01 C094383-00	PONTEN, JAN		
INSTITUTION TOTAL	1		125,000
CITY TOTAL	1		125,000
STATE TOTAL	1		125,000
TOTAL	132		33,379,847

SPEECH PROCESSORS FOR AUDITORY PROSTHESIS

124,609

NATURAL HISTORY OF AGE-RELATED CATARACTS

171,119

SCIENTIST TO SCIENTIST EXCHANGE PROGRAM

125,000

NIH  
RESEARCH TRAINING GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1T32 GM08295-01	MATHIES, RICHARD A	MOLECULAR BIOPHYSICS TRAINING GRANT	
INSTITUTION TOTAL	1		106,278
CITY TOTAL	1		106,278

106,278

LA JOLLA			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1T32 GM08326-01	MONTAL, S MAURICIO	MOLECULAR BIOPHYSICS TRAINING PROGRAM	
INSTITUTION TOTAL	1		55,158
CITY TOTAL	1		55,158

55,158

SAN DIEGO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY			
1T34 GM08303-01	ATKINS, CATHERINE J	MARC HONORS UNDERGRADUATE TRAINING PROGRAM	
INSTITUTION TOTAL	1		94,003
CITY TOTAL	1		94,003

94,003

SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1T32 NR07055-01	MELEIS, AFAF I	COMMUNITY ORIENTED PRIMARY HEALTH CARE	
INSTITUTION TOTAL	1		111,032
CITY TOTAL	1		111,032
STATE TOTAL	4		366,471

111,032

CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1T32 HD07320-01A2	BRACKEN, MICHAEL B	TRAINING PROGRAM IN PERINATAL EPIDEMIOLOGY	
INSTITUTION TOTAL	1		115,128
CITY TOTAL	1		115,128
STATE TOTAL	1		115,128

115,128



NIH  
RESEARCH TRAINING GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
1T32 HD07379-01	ROSENFIELD, ROBERT L	PHD PREPARATION FOR PEDIATRIC SCIENCE TRAINEES	47,759
INSTITUTION TOTAL	1		47,759
CITY TOTAL	1		47,759
STATE TOTAL	1		47,759
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
1T32 HL07680-01	STOSSEL, THOMAS P	CELL AND MOLECULAR BIOLOGY OF BLOOD AND ITS DISORDERS	147,180
INSTITUTION TOTAL	1		147,180
CITY TOTAL	1		147,180
CAMBRIDGE			
HARVARD UNIVERSITY			
1T32 GM08313-01	WILEY, DON C	MOLECULAR BIOPHYSICS TRAINING GRANT	291,828
INSTITUTION TOTAL	1		291,828
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1T32 GM08318-01	SCHIMMEL, PAUL	TRAINING IN BIOPHYSICAL CHEMISTRY AT MIT	122,636
INSTITUTION TOTAL	1		122,636
CITY TOTAL	2		414,464
STATE TOTAL	3		561,644
MICHIGAN			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1T32 ES07255-01	FISCHER, LAWRENCE J	MULTIDISCIPLINARY TRAINING IN ENVIRONMENTAL TOXICOLOGY	112,934
INSTITUTION TOTAL	1		112,934
CITY TOTAL	1		112,934
STATE TOTAL	1		112,934

NIH RESEARCH TRAINING GRANTS		TITLE OF PROGRAM		PROGRAM DIRECTOR		DOLLARS AWARDED	
MINNESOTA ROCHESTER MAYO FOUNDATION 1T32 GM08288-01				REHDER, KAI		66,680	
INSTITUTION TOTAL		1			66,680		
CITY TOTAL		1			66,680		
STATE TOTAL		1			66,680		
NEW JERSEY NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK 1T32 GM08319-01				OLSON, WILMA K		32,484	
INSTITUTION TOTAL		1			32,484		
CITY TOTAL		1			32,484		
STATE TOTAL		1			32,484		
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1T34 GM08222-01A1				ATENCIO, ALONZO C		116,913	
INSTITUTION TOTAL		1			116,913		
CITY TOTAL		1			116,913		
STATE TOTAL		1			116,913		
NEW YORK NEW YORK ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES 1T32 DK07559-01A2				PI-SUNYER, F XAVIER		72,376	
INSTITUTION TOTAL		1			72,376		
YESHIVA UNIVERSITY 1T32 HL07675-01				LEINWAND, LESLIE A		149,118	
INSTITUTION TOTAL		1			149,118		
CITY TOTAL		2			221,494		
STATE TOTAL		2			221,494		

NIH  
RESEARCH TRAINING GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
1T32 HD07348-01	KIMMEL, CHARLES B	DEVELOPMENTAL BIOLOGY TRAINING PROGRAM	
INSTITUTION TOTAL	1		61,240
CITY TOTAL	1		61,240
STATE TOTAL	1		61,240

61,240

PENNSYLVANIA			
PHILADELPHIA			
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1T32 AI07324-01A2	KNOWLES, BARBARA B	TRAINING IN VIROLOGY	
INSTITUTION TOTAL	1		72,110
CITY TOTAL	1		72,110

72,110

PITTSBURGH			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1T32 HD07343-01	LUND, RAYMOND D	TRAINING IN DEVELOPMENTAL NEUROSCIENCES	
INSTITUTION TOTAL	1		76,815
CITY TOTAL	1		76,815
STATE TOTAL	2		148,925

76,815

TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
1T32 GM08320-01	STAROS, JAMES V	MOLECULAR BIOPHYSICS TRAINING PROGRAM	
INSTITUTION TOTAL	1		83,868
CITY TOTAL	1		83,868
STATE TOTAL	1		83,868

83,868

TEXAS			
DALLAS			
BAYLOR COLLEGE OF DENTISTRY			
1T35 DE07188-01	TAYLOR, ALAN N	PREDOCTORAL DENTAL & BIOMEDICAL RESEARCH TRAINING	
INSTITUTION TOTAL	1		16,200

16,200



NIH  
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1	16,200	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1T32 HL07676-01	BROWN, ARTHUR M	MOELECULAR EXCITABILITY IN THE CARDIOVASCULAR SYSTEM	59,893
INSTITUTION TOTAL	1	59,893	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS			
1T32 DK07565-01A1	MOODY, FRANK G	RESEARCH TRAINING IN DIGESTIVE DISEASE AND NUTRITION	118,616
INSTITUTION TOTAL	1	118,616	
CITY TOTAL	2	178,509	
STATE TOTAL	3	194,709	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1T32 GM08323-01	LITMAN, BURTON J	TRAINING PROGRAM IN MOLECULAR BIOPHYSICS	72,504
INSTITUTION TOTAL	1	72,504	
CITY TOTAL	1	72,504	
STATE TOTAL	1	72,504	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1T32 HD07342-01A1	SCHATTEN, GERALD P	GAMETE AND EMBRYO BIOLOGY	45,676
INSTITUTION TOTAL	1	45,676	
CITY TOTAL	1	45,676	
STATE TOTAL	1	45,676	
TOTAL	24	2,248,429	

DOLLARS  
AWARDED

156,000

492,000

400,000

444,000

389,227

NIH  
CONSTRUCTION GRANTS

## PURPOSE OF GRANT

## RESPONSIBLE OFFICIAL

## GRANT NUMBER

CALIFORNIA				
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1G20 RR05144-01	GOYAN, JERE E			
INSTITUTION TOTAL	1	156,000		
CITY TOTAL	1	156,000		
STANFORD				
STANFORD UNIVERSITY				
1G20 RR05228-01	KORN, DAVID			
INSTITUTION TOTAL	1	492,000		
CITY TOTAL	1	492,000		
STATE TOTAL	2	648,000		
ILLINOIS				
CHICAGO				
NORTHWESTERN UNIVERSITY				
1G20 RR05190-01	NUTTER, DONALD O			
INSTITUTION TOTAL	1	400,000		
CITY TOTAL	1	400,000		
STATE TOTAL	1	400,000		
MARYLAND				
KENSINGTON				
CORNING GLASS WORKS--BIONETICS RESEARCH, INC.				
1G20 RR05135-01	SARNGADHARAN, MANGALAS G			
INSTITUTION TOTAL	1	444,000		
CITY TOTAL	1	444,000		
STATE TOTAL	1	444,000		
NEW JERSEY				
NEWARK				
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY				
1G20 RR05223-01	COOK, STUART D			
INSTITUTION TOTAL	1	389,227		

AIDS INFRASTRUCTURE: ALTERATION AND RENOVATION

AIDS INFRASTRUCTURE: ALTERATION AND RENOVATION

AIDS RESEARCH FACILITY EXPANSION

AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION

AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION

NIH  
CONSTRUCTION GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT
CITY TOTAL	1	389,227
STATE TOTAL	1	389,227

NEW YORK  
NEW YORK  
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES  
1620 RR05204-01 LIEBERMAN, SEYMOUR

AIDS INFRASTRUCTURE: ALTERATIONS AND RENOVATION

450,760

INSTITUTION TOTAL	1	450,760
CITY TOTAL	1	450,760
STATE TOTAL	1	450,760
TOTAL	6	2,331,987



NIH  
COOPERATIVE AGREEMENTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>ARKANSAS</b>			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS AT LITTLE ROCK			
1U01 HD25460-01	CALDWELL, BETTYE	AN ECOLOGICAL STUDY OF INFANT CARE	174,071
INSTITUTION TOTAL	1		174,071
CITY TOTAL	1		174,071
STATE TOTAL	1		174,071

<b>CALIFORNIA</b>			
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1U01 CA51610-01	MEYSKENS, FRANK JR	CHEMOPREVENTION OF HUMAN MELANOMA	119,999
INSTITUTION TOTAL	1		119,999
CITY TOTAL	1		119,999

<b>OAKLAND</b>			
BAY AREA TUMOR INSTITUTE			
1U01 CA45461-01	CASSIDY, MICHAEL J	COMMUNITY CLINICAL ONCOLOGY PROGRAM	150,000
INSTITUTION TOTAL	1		150,000

<b>KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE</b>			
1U01 CA45374-01	BROWNING, SCOTT M	COMMUNITY CLINICAL ONCOLOGY PROGRAM	106,250
INSTITUTION TOTAL	1		106,250
CITY TOTAL	2		256,250
STATE TOTAL	3		376,249

<b>GEORGIA</b>			
ATLANTA			
GEORGIA STATE DEPARTMENT OF HUMAN RESOURCES			
1U01 CA50117-01	STEINER, CAROL B	DATA-BASED CANCER CONTROL IN GEORGIA	119,844
INSTITUTION TOTAL	1		119,844
CITY TOTAL	1		119,844
STATE TOTAL	1		119,844

NIH  
COOPERATIVE AGREEMENTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1U10 CA49883-01	EINHORN, LAWRENCE H	EASTERN COOPERATIVE ONCOLOGY GROUP	131,632

INSTITUTION TOTAL	1	131,632	
CITY TOTAL	1	131,632	
STATE TOTAL	1	131,632	

MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1U01 EY08221-01	REPKA, MICHAEL X	CRYO-ROP FOLLOW-UP CLINICAL CENTER	7,826
1U01 CA49076-01	ZERHOONI, ELIAS A	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	94,895

INSTITUTION TOTAL	2	102,721	
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MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE			
1U01 CA50112-01	SOUTHARD, JOHN W	DATA-BASED INTERVENTIONS IN CANCER CONTROL IN MARYLAND	107,778

INSTITUTION TOTAL	1	107,778	
CITY TOTAL	3	210,499	
STATE TOTAL	3	210,499	

MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
1U01 HL40548-01A1	LEAF, ALEXANDER	DO FISH OILS PREVENT RESTENOSIS POST-CORONARY ANGIOPLAST	1,068,878

INSTITUTION TOTAL	1	1,068,878	
CITY TOTAL	1	1,068,878	
STATE TOTAL	1	1,068,878	

MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1U01 CA49077-01	FRANCIS, ISAAC R	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECT	59,695

INSTITUTION TOTAL	1	59,695	
CITY TOTAL	1	59,695	

NIH  
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	59,695	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1U01 CA49088-01	BALFE, DENNIS M	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	92,118
INSTITUTION TOTAL	1	92,118	
CITY TOTAL	1	92,118	
STATE TOTAL	1	92,118	
NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF			
1U10 HD25451-01	MC CARTNEY, KATHLEEN	SOCIAL ECOLOGY OF INFANT CHILD CARE	182,138
INSTITUTION TOTAL	1	182,138	
CITY TOTAL	1	182,138	
STATE TOTAL	1	182,138	
NEW YORK			
NEW YORK			
NEW YORK UNIVERSITY			
1U01 CA49079-01	MEGIBOW, ALEC J	IMAGING TRIALS IN PANCREATIC AND COLO-RECTAL CARCINOMA	103,880
INSTITUTION TOTAL	1	103,880	
CITY TOTAL	1	103,880	
STATE TOTAL	1	103,880	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1U01 AI27535-01	WILFERT, CATHERINE M	PEDIATRIC AIDS TREATMENT GROUP	688,578
INSTITUTION TOTAL	1	688,578	
CITY TOTAL	1	688,578	



NIH  
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>NORTH CAROLINA</b>			
<b>MORGANTON</b>			
NORTH CAROLINA STATE DEPARTMENT OF HUMAN RESOURCES--WESTERN CAROLINA CENTER			
1U01 HD25445-01	COX, MARTHA J	EFFECTS OF DAY CARE ON INFANTS: WORK & FAMILY ECOLOGIES	106,756
INSTITUTION TOTAL	1		106,756
CITY TOTAL	1		106,756
STATE TOTAL	2		795,334
<b>NORTH DAKOTA</b>			
<b>BISMARCK</b>			
NORTH DAKOTA STATE DEPARTMENT OF HEALTH			
1U01 CA50133-01	MCDONOUGH, STEPHEN L	DATA-BASED INTERVENTION RESEARCH--PUBLIC HEALTH AGENCY	135,887
INSTITUTION TOTAL	1		135,887
CITY TOTAL	1		135,887
STATE TOTAL	1		135,887
<b>PENNSYLVANIA</b>			
<b>PHILADELPHIA</b>			
TEMPLE UNIVERSITY			
1U01 HD25455-01	WEINRAUB, MARSHA	EFFECTS OF NON-PARENTAL INFANT DAY CARE ON CHILDREN	136,204
INSTITUTION TOTAL	1		136,204
CITY TOTAL	1		136,204
<b>PITTSBURGH</b>			
EYE AND EAR HOSPITAL OF PITTSBURGH			
1U01 EY08150-01	DOFT, BERNARD H	ENDOPHTHALMITIC VITRECTOMY STUDY	73,829
INSTITUTION TOTAL	1		73,829
<b>UNIVERSITY OF PITTSBURGH AT PITTSBURGH</b>			
1U01 EY08176-01	DOBSON, MARGARET V	CRYO-ROP FOLLOW-UP VISUAL ACUITY CENTER	99,126
1U01 EY08151-01	KELSEY, SHERYL F	ENDOPHTHALMITIS VITRECTOMY STUDY COORDINATING CENTER	271,744
INSTITUTION TOTAL	2		370,870
CITY TOTAL	3		444,699
STATE TOTAL	4		580,903

NIH  
COOPERATIVE AGREEMENTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
SOUTH DAKOTA			
RAPID CITY			
RUSHMORE NATIONAL HEALTH SYSTEMS--RAPID CITY REGIONAL HOSPITAL			
1U10 CA45553-01	EBBERT, LARRY P	COMMUNITY CLINICAL ONCOLOGY PROGRAM	

56,250

INSTITUTION TOTAL	1	56,250
CITY TOTAL	1	56,250

STATE TOTAL	1	56,250
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TENNESSEE

NASHVILLE

VANDERBILT UNIVERSITY

1U10 CA49957-01 JOHNSON, DAVID H

EASTERN COOPERATIVE ONCOLOGY GROUP

54,033

INSTITUTION TOTAL	1	54,033
CITY TOTAL	1	54,033

STATE TOTAL	1	54,033
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VERMONT

BURLINGTON

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE

1U10 CA43189-01A1 STEWART, JAMES A

EASTEN COOPERATIVE ONCOLOGY GROUP

72,108

INSTITUTION TOTAL	1	72,108
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VERMONT STATE AGENCY OF HUMAN SERVICES--DEPARTMENT OF HEALTH	
1U01 CA50109-01 SPENGLER, ROBERT F	CANCER PREVENTION AND CONTROL PROJECT

139,112

INSTITUTION TOTAL	1	139,112
CITY TOTAL	2	211,220

STATE TOTAL	2	211,220
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VIRGINIA

CHARLOTTESVILLE

UNIVERSITY OF VIRGINIA CHARLOTTESVILLE

1U10 HD25449-01 PHILLIPS, DEBORAH A

QUALITY AND STABILITY OF INFANT CHILD CARE

109,530

INSTITUTION TOTAL	1	109,530
CITY TOTAL	1	109,530

STATE TOTAL	1	109,530
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NIH  
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>WASHINGTON</b>			
<b>OLYMPIA</b>			
WASHINGTON STATE DEPARTMENT OF SOCIAL AND HEALTH SERVICES			
1U01 CA50135-01	FROST, FLOYD J	DATA-BASED INTERVENTION RESEARCH--PUBLIC HEALTH AGENCY	108,623
INSTITUTION TOTAL	1		108,623
CITY TOTAL	1		108,623
<b>SEATTLE</b>			
UNIVERSITY OF WASHINGTON			
1U01 CA49078-01	MOSS, ALBERT A	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	50,776
INSTITUTION TOTAL	1		50,776
CITY TOTAL	1		50,776
STATE TOTAL	2		159,399
<b>WISCONSIN</b>			
<b>MADISON</b>			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1U01 EY08210-01	DAVIS, MATTHEW D	ENDOPHTHALMITIS VITRECTOMY STUDY READING CENTER	18,755
INSTITUTION TOTAL	1		18,755
CITY TOTAL	1		18,755
<b>MILWAUKEE</b>			
ST. LUKE'S HOSPITAL			
1U10 CA45400-01	HART, RONALD D	COMMUNITY CLINICAL ONCOLOGY PROGRAM	106,250
INSTITUTION TOTAL	1		106,250
CITY TOTAL	1		106,250
STATE TOTAL	2		125,005
<b>TOTAL</b>	<b>30</b>		<b>4,746,565</b>



NIH  
INTRNL. TRAINING/EPIDEMIOLOGY

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF PROGRAM	DOLLARS AWARDED
GEORGIA ATLANTA EMORY UNIVERSITY ID43 TW00008-01	BRACHMAN, PHILIP S	INTERNATIONAL EPIDEMIOLOGIC TRAINING FOR AIDS RESEARCH	75,000
INSTITUTION TOTAL	1		75,000
CITY TOTAL	1		75,000
STATE TOTAL	1		75,000
LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA ID43 TW00012-01	BERTRAND, WILLIAM E	EPIDEMIOLOGY TRAINING RELATED TO AIDS: TULANE AND ZAIRE	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
STATE TOTAL	1		50,000
TOTAL	2		125,000

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>ALABAMA</b>			
<b>BIRMINGHAM</b>			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1F32 DK08260-01A1	CLIFF, WILLIAM H	PHYSIOLOGY	21,000
1F31 NR06392-01	GAUTIER, CLARA H	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	12,500
1F06 TW01522-01	KRAFT, ANDREW S	CELL BIOLOGY	19,200
INSTITUTION TOTAL	3	52,700	
CITY TOTAL	3	52,700	
<b>TUSCALOOSA</b>			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA			
1F05 TW04270-01	DIELEMAN, LEVINUS A	IMMUNOLOGY	27,750
INSTITUTION TOTAL	1	27,750	
CITY TOTAL	1	27,750	
STATE TOTAL	4	80,450	
<b>ARIZONA</b>			
<b>PHOENIX</b>			
ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER			
1F32 NS08773-01	MC CURDY, MARTHA L	PHYSIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
<b>TUCSON</b>			
UNIVERSITY OF ARIZONA			
1F05 TW04314-01	FEO-ZUPPARDI, FRANCISCO	IMMUNOLOGY	27,490
1F31 NR06452-01	LEONARD, VERNONE H	NURSING	12,500
INSTITUTION TOTAL	2	39,990	
CITY TOTAL	2	39,990	
STATE TOTAL	3	60,990	
<b>CALIFORNIA</b>			
<b>DAVIS</b>			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1F05 TW04283-01	ALHO, KIMMO A	EXPERIMENTAL AND GENERAL PSYCHOLOGY	26,000

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>DAVIS</b>			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1F32 ES05490-01	TARANTAL, ALICE F	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL	2		47,000
CITY TOTAL	2		47,000
<b>LA JOLLA</b>			
LA JOLLA CANCER RESEARCH FOUNDATION			
1F32 CA08586-01A1	TUMARKIN, LISA A	MOLECULAR BIOLOGY	28,000
INSTITUTION TOTAL	1		28,000
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 EY06179-01A1	CARMAN, GEORGE J	OPHTHALMOLOGY	20,000
1F32 DK08385-01	STENZEL-POORE, MARY	NEUROBIOLOGY	28,000
INSTITUTION TOTAL	2		48,000
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1F32 GM13290-01	MAKRIS, JOHN C	GENETICS	20,000
1F05 TW04330-01	ZBORNIKOVA, VERA	PHYSIOLOGY	28,100
INSTITUTION TOTAL	2		48,100
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1F05 TW04284-01	APTER, DAN L	ENDOCRINOLOGY	28,335
1F32 EY06221-01	FECHTNER, ROBERT D	OPHTHALMOLOGY	34,500
1F33 NS08717-01	GOLDSTEIN, MOISE H JR	LINGUISTICS	33,000
1F06 TW01523-01	SEEGMILLER, JARVIS E	BIOCHEMISTRY	8,509
INSTITUTION TOTAL	4		104,344
CITY TOTAL	9		228,444
<b>LOS ANGELES</b>			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 DK08295-01	ANDERSON, PAMELA W	ENDOCRINOLOGY	34,500
1F05 TW04257-01	CHIANG, ANNA	NUTRITION	27,000
1F05 TW04296-01	COUDERC, JEAN-LOUIS	MOLECULAR BIOLOGY	24,950
1F33 NS08713-01	GREIF, KAREN F	NEUROBIOLOGY	33,000
1F32 GM12963-01	LIEBERMAN, PAUL M	BIOLOGY	20,000
1F05 TW04289-01	ROCHA, LUISA L	PHYSIOLOGY	26,450



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CALIFORNIA</b>			
<b>LOS ANGELES</b>			
<b>UNIVERSITY OF CALIFORNIA AT LOS ANGELES</b>			
1F32 NS08774-01	WIGHT, PATRICIA A	NEUROBIOLOGY	21,000
INSTITUTION TOTAL 7 186,900			
<b>UNIVERSITY OF SOUTHERN CALIFORNIA</b>			
1F05 TW04278-01	COBAS, ALBERTO	NEUROBIOLOGY	26,270
1F32 DE05570-01	COUWENHOVEN, ROSS I	DEVELOPMENTAL BIOLOGY	34,500
1F32 NS08723-01	DUNIA, RICHARD	DEVELOPMENTAL BIOLOGY	21,000
INSTITUTION TOTAL 3 81,770			
CITY TOTAL 10 268,670			
<b>PASADENA</b>			
<b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b>			
1F32 GM13100-01	DREWS, GARY N	BOTANY	20,000
1F32 HL08152-01	HOGER, JEFFREY H	LIMNOLOGY	28,000
1F32 GM13039-01	SETO, DONALD	BIOLOGY	21,000
INSTITUTION TOTAL 3 69,000			
CITY TOTAL 3 69,000			
<b>SAN FRANCISCO</b>			
<b>UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO</b>			
1F32 DK08221-01A1	BRENTANO, STEVEN T	ENDOCRINOLOGY	28,000
1F32 AI08090-01	DAHER, KATHLEEN A	EPIDEMIOLOGY	20,000
1F32 GM13475-01	DE YOUNG, LINDA R	ORGANIC CHEMISTRY	20,000
1F32 GM13119-01	HURLE, MARK R	BIOCHEMISTRY	28,000
1F32 GM13030-01	LOER, CURTIS M	DEVELOPMENTAL BIOLOGY	21,000
1F32 HL08132-01	MCCLOSKEY, EDWARD R	LIMNOLOGY	30,500
1F32 GM13396-01	NISHIDA, CRAIG H	BIOCHEMISTRY	21,000
1F32 GM12959-01	NUNNARI, JODI M	BIOCHEMISTRY	20,000
1F05 TW04258-01	RABINOVICI, JARON	ENDOCRINOLOGY	27,000
1F06 TW01462-01	TEITEL, DAVID F	PHYSIOLOGY	34,051
INSTITUTION TOTAL 10 249,551			
CITY TOTAL 10 249,551			
<b>SOUTH SAN FRANCISCO</b>			
<b>GENENTECH INC.</b>			
1F32 GM13560-01	LOWMAN, HENRY B	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL 1 20,000			

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	20,000	
CALIFORNIA			
STANFORD			
1F32 GM12802-01A1	BRASCH, MICHAEL A	BIOLOGY	21,000
1F32 NS08737-01	KAUER, JULIE A	NEUROBIOLOGY	28,000
1F32 GM13451-01	SCHOLTZ, JOHN M	BIOCHEMISTRY	20,000
1F05 TW04275-01	VINCENT, JOHN	PHARMACOLOGY	28,400
1F32 NS08729-01	WAGNER, JOHN A	PHYSIOLOGY	21,000
INSTITUTION TOTAL	5	118,400	
CITY TOTAL	5	118,400	
STATE TOTAL	40	001,065	
COLORADO			
BOULDER			
1F33 NS08731-01	WEILL, CHERYL L	UNIVERSITY OF COLORADO AT BOULDER NEUROBIOLOGY	33,000
INSTITUTION TOTAL	1	33,000	
CITY TOTAL	1	33,000	
DENVER			
1F32 GM13215-01	FADOK, VALERIE A	NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE ANATOMY	21,000
INSTITUTION TOTAL	1	21,000	
1F32 DK08296-01	GIBSON, RICHARD K	UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER BIOCHEMISTRY	34,500
INSTITUTION TOTAL	1	34,500	
CITY TOTAL	2	55,500	
STATE TOTAL	3	88,500	
CONNECTICUT			
NEW HAVEN			
1F05 TW04340-01	FLORIN-CHRISTENSEN, JORGE	YALE UNIVERSITY CELL BIOLOGY	24,920

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>CONNECTICUT</b>			
<b>NEW HAVEN</b>			
YALE UNIVERSITY			
1F05 TW04339-01	FLORIN-CHRISTENSEN, MONICA O	CELL BIOLOGY	24,920
1F32 HL08034-01	KOLANSKY, DANIEL M	MOLECULAR BIOLOGY	31,750
1F32 NS08784-01	MC CLINTOCK, TIMOTHY S	COMMUNICATIVE SCIENCES	20,000
1F32 GM13125-01	VOCKLEY, GERARD	GENETICS	31,750
1F32 DK08376-01	WOLENSKI, JOSEPH S	CELL BIOLOGY	21,000
1F33 GM13350-01	ZWICK, MARTIN	BIOPHYSICS	33,000
INSTITUTION TOTAL	7		
CITY TOTAL	7		
STATE TOTAL	7		
<b>DIST OF COL</b>			
<b>WASHINGTON</b>			
GEORGETOWN UNIVERSITY			
1F05 TW04328-01	DING, XUAN-ZHOU	NEUROBIOLOGY	25,600
1F32 NS08750-01	ZREBEET, HAFEZ A	PHARMACOLOGY	34,500
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
<b>FLORIDA</b>			
<b>GAINESVILLE</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1F32 EY06232-01	CAIMAN, BRUCE G	BIOCHEMISTRY	21,000
1F32 NS08743-01	FALLON, SUSAN M	PSYCHOPHYSICS	20,000
1F32 DK08373-01	MALASANOS, TOREE H	ENDOCRINOLOGY	31,750
INSTITUTION TOTAL	3		
CITY TOTAL	3		
<b>TALLAHASSEE</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1F32 GM13200-01	DEBRY, RONALD W	GENETICS	20,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>FLORIDA</b>			
<b>TAMPA</b>			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1F05 TW04300-01	RUI, HALLGEIR	ENDOCRINOLOGY	21,450
1F32 HL08103-01	SAURO, MARIE D	PHARMACOLOGY	20,000
INSTITUTION TOTAL			
CITY TOTAL	2	41,450	
	2	41,450	
STATE TOTAL			
	6	134,200	
<b>GEORGIA</b>			
<b>ATLANTA</b>			
EMORY UNIVERSITY			
1F32 DK08346-01	HARP, JOYCE B	ENDOCRINOLOGY	31,750
INSTITUTION TOTAL			
	1	31,750	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--CENTERS FOR DISEASE CONTROL			
1F05 TW04295-01	TSWANA, SAM A	VIROLOGY	27,564
INSTITUTION TOTAL			
CITY TOTAL	1	27,564	
	2	59,314	
STATE TOTAL			
	2	59,314	
<b>ILLINOIS</b>			
<b>CHAMPAIGN</b>			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1F32 HD07209-01A1	JACKSON, JANE A	PHYSIOLOGY	29,250
1F32 GM13138-01	NEIDLE, ELLEN L	BACTERIOLOGY	21,000
INSTITUTION TOTAL			
CITY TOTAL	2	50,250	
	2	50,250	
<b>CHICAGO</b>			
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER--RUSH UNIVERSITY			
1F31 NR06468-01	MCCABE, MARGARET A	NURSING	12,500
INSTITUTION TOTAL			
	1	12,500	
UNIVERSITY OF CHICAGO			
1F05 TW04286-01	AGUSTI, ALVAR	PHYSIOLOGY	27,900

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>ILLINOIS</b>			
<b>CHICAGO</b>			
UNIVERSITY OF CHICAGO			
1F32 DK08349-01	ASPLIN, JOHN R	PHYSIOLOGY	34,500
INSTITUTION TOTAL	2		62,400
<b>UNIVERSITY OF ILLINOIS AT CHICAGO</b>			
1F31 NR06461-01	KLEINPELL, RUTH M	NURSING	12,500
1F31 NR06399-01	MARTINEZ-SCHALLMOSER, LUCY D	NURSING	12,500
1F05 TW04303-01	MASINDE, LWANDIKO E	PHARMACOLOGY	27,550
1F32 HD07336-01	PARMER, TONI A	DEVELOPMENTAL BIOLOGY	29,250
1F32 HL08059-01	WESTFALL, MARGARET V	PHYSIOLOGY	20,000
INSTITUTION TOTAL	5		101,800
CITY TOTAL	8		176,700
<b>DE KALB</b>			
<b>NORTHERN ILLINOIS UNIVERSITY</b>			
1F06 TW01540-01	VARY, PATRICIA S	MOLECULAR BIOLOGY	25,838
INSTITUTION TOTAL	1		25,838
CITY TOTAL	1		25,838
STATE TOTAL	11		252,788
<b>INDIANA</b>			
<b>WEST LAFAYETTE</b>			
PURDUE UNIVERSITY	WEST LAFAYETTE		
1F32 EY06214-01	BURG, MARTIN G	MOLECULAR BIOLOGY	28,313
1F32 HL08178-01	CHRISTIAN, JOHN A	CHEMISTRY	34,500
INSTITUTION TOTAL	2		62,813
CITY TOTAL	2		62,813
STATE TOTAL	2		62,813
<b>IOWA</b>			
<b>IOWA CITY</b>			
UNIVERSITY OF IOWA			
1F31 NR06425-01	JOHNSON, REBECCA A	NURSING	12,500
1F32 HL08047-01	KADEL, KEITH A	PHYSIOLOGY	33,000

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>IOWA</b>			
<b>IOWA CITY</b>			
<b>UNIVERSITY OF IOWA</b>			
1F32 HL08094-01	RO, PETER S	MOLECULAR BIOLOGY	30,500
1F32 DK08391-01	SHREVE, THOMAS G	NUTRITION	30,500
1F32 NS08674-01A1	VARNER, KURT J	PHYSIOLOGY	21,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	5	127,500	
<b>STATE TOTAL</b>	5	127,500	
<b>KANSAS</b>			
<b>KANSAS CITY</b>			
<b>UNIVERSITY OF KANSAS</b>			
1F05 TW04266-01	COLLEGE OF HEALTH SCIENCES AND VARGA, GABOR	HOSPITAL PHYSIOLOGY	27,200
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	1	27,200	
<b>STATE TOTAL</b>	1	27,200	
<b>MARYLAND</b>			
<b>BALTIMORE</b>			
<b>JOHNS HOPKINS UNIVERSITY</b>			
1F05 TW04281-01	BOTANA, LUIS M	IMMUNOLOGY	27,800
1F05 TW04321-01	COLUMBO, MICHELE	IMMUNOLOGY	27,800
1F32 NS08765-01	GILL, STEVEN R	GENETICS	20,000
1F32 ES05485-01	HOLLAND, KOREN A	TOXICOLOGY	20,000
1F32 GM13087-01	MGNIVEN, MARK A	MOLECULAR BIOLOGY	28,000
1F32 GM13159-01	THEODORAKIS, NICHOLAS G	MOLECULAR BIOLOGY	20,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	6	143,600	
<b>STATE TOTAL</b>	6	143,600	
<b>BETHESDA</b>			
<b>U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FOGARTY INTERNATIONAL CENTER</b>			
1F15 TW00330-01	WILLIAMS, AKINWOLE O	PATHOLOGY	21,500
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	1	21,500	
<b>U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH &amp; HUMAN DEVELOPMENT</b>			
1F35 HD07383-01	AMBROZ, CLARA	PEDIATRIC ENDOCRINOLOGY	33,500



NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MARYLAND</b>			
<b>BETHESDA</b>			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVEL.			
1F35 HD07366-01	FILEE, JANE E	HUMAN GENETICS	31,250
1F35 HD07318-01	MAYOL-CORRETTJER, VANESSA	ENDOCRINOLOGY	27,000
1F05 TW04324-01	MINUCCI, SERGIO	PHYSIOLOGY	24,175
INSTITUTION TOTAL	4	115,925	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES---NATIONAL INSTITUTE OF DIABETES/DIGEST/KIDNEY DIS			
1F35 DK08253-01	EDWARDS, ROBERT P	INTERNAL MEDICINE	28,750
INSTITUTION TOTAL	1	28,750	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES---NATIONAL INSTITUTES OF HEALTH			
1F15 TW00328-01	LOYTER, ABRAHAM	BIOCHEMISTRY	25,000
1F15 TW00327-01	NICHOLLS, JOHN G	NEUROBIOLOGY	25,000
1F15 TW00329-01	STEINBERG, IZCHAK Z	BIOPHYSICS	25,000
INSTITUTION TOTAL	3	75,000	
CITY TOTAL	9	241,175	
<b>COLLEGE PARK</b>			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1F32 GM13211-01	POOLE, LESLIE B	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
<b>ROCKVILLE</b>			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES---ALCOHOL, DRUG ABUSE, AND MENTAL HLTH ADMIN			
1F05 TW04197-01	MOREL, ALAIN Y	NEUROBIOLOGY	24,000
INSTITUTION TOTAL	1	24,000	
CITY TOTAL	1	24,000	
STATE TOTAL	17	429,775	
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
BETH ISRAEL HOSPITAL			
1F05 TW04332-01	MASLINSKI, WLODZIMIERZ	IMMUNOLOGY	27,700
INSTITUTION TOTAL	1	27,700	

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
BOSTON UNIVERSITY			
1F32 DK08395-01	EGLOW, RICHARD L	CELL BIOLOGY	33,000
INSTITUTION TOTAL 1 33,000			
<b>BRIGHAM AND WOMEN'S HOSPITAL</b>			
1F32 AI08110-01	MADOFF, LAWRENCE C	BACTERIOLOGY	34,500
1F32 DK08409-01	NUSRAT, ASMA	PATHOLOGY	34,500
1F32 AI07972-01A1	RAVENSCLRAFT, MARK D	IMMUNOLOGY	33,000
1F32 HL08177-01	STAMLER, JONATHAN S	CELL BIOLOGY	30,500
1F32 DK08321-01	WASSERMAN, JAMES C	PHYSIOLOGY	30,500
INSTITUTION TOTAL 5 163,000			
<b>DANA-FARBER CANCER INSTITUTE</b>			
1F32 CA08749-01	DABROWSKI, CHRISTINE E	VIROLOGY	21,000
1F32 NS08764-01	GINTY, DAVID D	NEUROBIOLOGY	20,000
1F32 DK08353-01	MICHALOWSKY, LESLEY A	BIOLOGY	21,000
1F05 TW04215-01	VIVIER, ERIC	IMMUNOLOGY	25,800
INSTITUTION TOTAL 4 87,800			
<b>HARVARD UNIVERSITY</b>			
1F32 EY06230-01	LILLIEN, LAURA E	GENERAL GENETICS	29,250
1F05 TW04273-01	MERIGHI, ADALBERTO	NEUROBIOLOGY	28,720
1F32 GM13019-01	PRELICH, GREGORY	GENETICS	20,000
1F32 GM13201-01	RYAN, KATHLEEN A	BIOLOGY	21,000
1F31 NR06341-01A1	SIEGEL, JOANNA E	HEALTH ADMINISTRATION AND PUBLIC HEALTH NURSING	12,500
INSTITUTION TOTAL 5 111,470			
<b>JOSLIN DIABETES CENTER</b>			
1F05 TW04319-01	CSERMELY, PETER	BIOCHEMISTRY	27,850
1F32 DK08366-01	WILDEN, PETER A	PHYSIOLOGY	21,000
INSTITUTION TOTAL 2 48,850			
<b>MASSACHUSETTS GENERAL HOSPITAL</b>			
1F05 TW04313-01	DUZIC, EMIR M	ENDOCRINOLOGY	28,200
1F05 TW04312-01	FROSTELL, CLAES G	PHYSIOLOGY	27,800
1F32 GM12865-01A1	GALLO, GREGORY J	MOLECULAR BIOLOGY	21,000
1F32 HL08110-01	LUCCHESI, PAMELA A	CELL BIOLOGY	20,000
1F32 HD07325-01	WEISS, JEFFREY	PHYSIOLOGY	28,000
INSTITUTION TOTAL 5 125,000			

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RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	23		596,820
<b>MASSACHUSETTS</b>			
<b>CAMBRIDGE</b>			
HARVARD UNIVERSITY			
1F32 GM13438-01	ELLENBERGER, THOMAS E	BIOPHYSICS	33,000
1F32 GM13124-01	HSU, TIEN	DEVELOPMENTAL BIOLOGY	20,000
1F32 GM12961-01	MC CORMICK, JOSEPH R	DEVELOPMENTAL BIOLOGY	20,000
1F32 GM13250-01	MYLES, DAVID C	CHEMISTRY	20,000
1F05 TW04246-01	RATANATHAM, SUPAPORN	PHARMACOLOGY	27,800
1F32 GM13238-01	WILLEY, JOANNE M	MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL 6 141,800			
<b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>			
1F32 NS08787-01	CHADWICK, ROBIN A	NEUROBIOLOGY	21,000
1F05 TW04233-01	LABOUESSE, MICHEL	DEVELOPMENTAL BIOLOGY	27,700
1F32 GM13300-01	LECKBAND, DEBORAH E	CHEMICAL ENGINEERING	21,000
1F32 GM13203-01	MUSIER, KARIN M	BIOLOGY	20,000
1F32 GM13557-01	SPENCER, RICHARD G	BIOPHYSICS	28,000
1F32 GM13221-01	SWAGER, TIMOTHY M	CHEMISTRY	21,000
1F32 GM13318-01	UN, SUN	BIOPHYSICS	28,000
1F32 NS08536-01A1	WHITE, KRISTIN	GENETICS	21,000
1F32 GM13271-01	WILLIAMS, LOREN D	BIOPHYSICS	29,250
INSTITUTION TOTAL 9 216,950			
CITY TOTAL	15		358,750
<b>NEWTON</b>			
<b>BOSTON COLLEGE</b>			
1F31 NR06444-01	RADWIN, LAUREL E	NURSING	12,500
INSTITUTION TOTAL 1 12,500			
CITY TOTAL	1		12,500
<b>WORCESTER</b>			
<b>UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER</b>			
1F32 NS08746-01	HOWLAND, DAVIS S	NEUROBIOLOGY	20,000
INSTITUTION TOTAL 1 20,000			
CITY TOTAL	1		20,000
STATE TOTAL 40 988,070			



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MICHIGAN</b>			
<b>ANN ARBOR</b>			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1F32 DK08405-01	BACHWICH, DALE R	CELL BIOLOGY	31,750
1F32 DK08401-01	CRAWFORD, KENNETH M	PHYSIOLOGY	21,000
1F31 NR06383-01	HOLDEN, JANEAN E	NURSING	12,500
1F31 NR06397-01	LARYAK, SUSAN E	NURSING	12,500
1F32 GM13457-01	PLAUTZ, GREGORY E	MOLECULAR BIOLOGY	31,750
1F32 NR06446-01	RALEIGH, EDITH D	NURSING	34,500
INSTITUTION TOTAL	6		
CITY TOTAL	6		
STATE TOTAL	6		
<b>MINNESOTA</b>			
<b>MINNEAPOLIS</b>			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1F32 GM12996-01A1	HENDRICH, MICHAEL P	PHYSICS	21,000
1F32 HL08162-01	IRWIN, ERIC D	BIOCHEMISTRY	29,250
1F32 HL08045-01	PATH, GREGORY J	PHYSIOLOGY	31,750
1F32 EY06213-01	THORESON, WALLACE B	PHYSIOLOGY	20,000
1F32 GM12792-01A1	TRUE, ANNE E	BIOPHYSICS	21,000
INSTITUTION TOTAL	5		
CITY TOTAL	5		
<b>ROCHESTER</b>			
INDIVIDUAL AWARD--MILLIKAN, CLARK			
1F32 GM13265-01	FELMLEE, TERESA A	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	1		
<b>MAYO FOUNDATION</b>			
1F32 EY06206-01	WATSKY, MITCHELL A	PHYSIOLOGY	20,000
INSTITUTION TOTAL	1		
CITY TOTAL	2		
STATE TOTAL	7		
<b>MISSOURI</b>			
<b>SAINT LOUIS</b>			
WASHINGTON UNIVERSITY			
1F05 TW04210-01	GIBSON, MARK A	PATHOLOGY	29,300

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>MISSOURI</b>			
<b>SAINT LOUIS</b>			
<b>WASHINGTON UNIVERSITY</b>			
1F05 TW04238-01	MARCHETTI, PIERO	PHYSIOLOGY	29,000
1F32 NS08757-01	STUDELSKA, DANIEL R JR	NEUROBIOLOGY	28,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	3	86,300	
<b>STATE TOTAL</b>	3	86,300	
<b>NEW HAMPSHIRE</b>			
<b>HANOVER</b>			
<b>DARTMOUTH COLLEGE</b>			
1F32 DK08352-01	MORGANELLI, CHRISTINE M	ENDOCRINOLOGY	28,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	1	28,000	
<b>STATE TOTAL</b>	1	28,000	
<b>NEW JERSEY</b>			
<b>PISCATAWAY</b>			
<b>UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL</b>			
1F32 AI08067-01	ARNOLD, GAIL F	VIROLOGY	28,000
1F32 EY06227-01	SOKOL, KATHLEEN J	PATHOLOGY	20,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	2	48,000	
<b>STATE TOTAL</b>	2	48,000	
<b>PRINCETON</b>			
<b>PRINCETON UNIVERSITY</b>			
1F32 GM13362-01	EADS, DANIEL D	BIOPHYSICS	20,000
1F32 NS08730-01	KISSEN, INNA	NEUROBIOLOGY	20,000
1F32 HL08116-01	RODGERS, KENTON R	DERMATOLOGY/SYPHILOLOGY	20,000
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	3	60,000	
<b>STATE TOTAL</b>	3	60,000	
<b>RAHWAY</b>			
<b>MERCK AND COMPANY--MERCK SHARP AND DOHME RESEARCH LABORATORIES</b>			
1F33 GM13340-01	GAFFNEY, THOMAS E	PHARMACOLOGY	19,167
<b>INSTITUTION TOTAL</b>			
<b>CITY TOTAL</b>	1	19,167	

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RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	19,167	
STATE TOTAL	6	127,167	
<b>NEW YORK</b>			
<b>ALBANY</b>			
NEW YORK STATE COUNCIL FOR MENTAL HYGIENE PLANNING			
1F05 TW04318-01	JEZIOROWSKA, ANNA	GENETICS	28,300
INSTITUTION TOTAL	1	28,300	
CITY TOTAL	1	28,300	
<b>ITHACA</b>			
CORNELL UNIVERSITY			
1F06 TW01527-01	GOLDBERG, MICHAEL L	GENETICS	10,467
INSTITUTION TOTAL	1	10,467	
<b>CORNELL UNIVERSITY ITHACA</b>			
1F05 TW04302-01	ANDRESON, OIAFUR S	VIROLOGY	27,725
1F32 NS08470-01A1	BARO, DEBORAH J	NEUROBIOLOGY	21,000
1F06 TW01541-01	GLEED, ROBIN D	PHYSIOLOGY	32,200
INSTITUTION TOTAL	3	80,925	
CITY TOTAL	4	91,392	
<b>NEW YORK</b>			
COLUMBIA UNIVERSITY--BARNARD COLLEGE			
1F32 NS08783-01	LE SAUTER, JOSEPH J	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
<b>COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK</b>			
1F32 NS08761-01	BAIRD, DOUGLAS H	PHYSIOLOGY	21,000
1F32 GM13552-01	BOEHM, MARCUS F	ORGANIC CHEMISTRY	21,000
1F32 GM13026-01	GATTI, DOMENICO L	GENETICS	34,500
1F32 NS08779-01	GRIFFITH, LESLIE C	NEUROBIOLOGY	28,000
1F32 NS08586-01A1	REICHLING, DAVID B	NEUROBIOLOGY	20,000
1F32 NS08759-01	WOLSZON, LAURA R	NEUROBIOLOGY	20,000
INSTITUTION TOTAL	6	144,500	



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>NEW YORK UNIVERSITY</b>			
1F05 TW04200-01	IOANNIDES, DEMETRIOS	IMMUNOLOGY	28,000
1F05 TW04274-01	WALDEN, PAUL D	MOLECULAR BIOLOGY	23,800
INSTITUTION TOTAL	2	51,800	
<b>ROCKEFELLER UNIVERSITY</b>			
1F32 NS08724-01	HOLTZMAN, DAVID A	NEUROBIOLOGY	20,000
1F05 TW04263-01	HOLUIGUE, LORETO	MOLECULAR BIOLOGY	27,875
1F32 GM13244-01	MALIK, SOHAIL	BIOLOGY	21,000
1F32 NS08762-01	MENDELSON, SCOTT D	ENDOCRINOLOGY	21,000
INSTITUTION TOTAL	4	89,875	
CITY TOTAL	13	306,175	
<b>ROCHESTER</b>			
<b>UNIVERSITY OF ROCHESTER</b>			
1F32 EY06184-01A1	HIGGINS, ROSEMARY D	PEDIATRICS	31,750
INSTITUTION TOTAL	1	31,750	
CITY TOTAL	1	31,750	
<b>UPTON</b>			
<b>ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY</b>			
1F05 TW04231-01	MAZARIEGOS-FERNANDEZ, MANOLO	NUTRITION	27,500
INSTITUTION TOTAL	1	27,500	
CITY TOTAL	1	27,500	
STATE TOTAL	20	485,117	
<b>NORTH CAROLINA</b>			
<b>CHAPEL HILL</b>			
<b>UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL</b>			
1F32 GM13463-01	BARCLAY, JULIETTE B	BIOCHEMISTRY	28,000
1F06 TW01477-01	FRELINGER, JEFFREY A	IMMUNOLOGY	33,038
1F32 GM13167-01	LEE, GRETA M	ANATOMY	20,000
1F32 ES05486-01	SELBY, CHRISTOPHER P	MUTAGENESIS	28,000
INSTITUTION TOTAL	4	109,038	
CITY TOTAL	4	109,038	

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>NORTH CAROLINA</b>			
<b>DURHAM</b>			
DUKE UNIVERSITY 1F05 TW04237-01	MAIA, FRANCISCO J S	NUTRITION	29,300
INSTITUTION TOTAL	1		29,300
CITY TOTAL	1		29,300
STATE TOTAL	5		138,338
<b>OHIO</b>			
<b>CINCINNATI</b>			
UNIVERSITY OF CINCINNATI AT CINCINNATI 1F32 HL08097-01	ENNIS, MATTHEW	PHARMACOLOGY	28,000
INSTITUTION TOTAL	1		28,000
CITY TOTAL	1		28,000
<b>CLEVELAND</b>			
CASE WESTERN RESERVE UNIVERSITY 1F05 TW04229-01	CRAS, PATRICK	AGING PROCESS	27,800
INSTITUTION TOTAL	1		27,800
CITY TOTAL	1		27,800
<b>COLUMBUS</b>			
<b>OHIO STATE UNIVERSITY</b>			
1F31 NR06373-01	ARIJEVYCH, KAREN L	NURSING	12,500
1F32 NS08772-01	COTICCHIA, JAMES J	MICROBIOLOGY	29,250
1F31 NR06374-01	MARTINEZ, NELDA C	NURSING	12,500
INSTITUTION TOTAL	3		54,250
CITY TOTAL	3		54,250
STATE TOTAL	5		110,050
<b>OKLAHOMA</b>			
<b>OKLAHOMA CITY</b>			
OKLAHOMA MEDICAL RESEARCH FOUNDATION 1F32 HL08004-01A1	WILSON, PAUL R	BIOCHEMISTRY	31,750
INSTITUTION TOTAL	1		31,750

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1F06 TW01400-01A1	DE BAULT, LAWRENCE E	PATHOLOGY	17,150
INSTITUTION TOTAL	1		17,150
CITY TOTAL	2		48,900
STATE TOTAL	2		48,900

OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
1F32 ES05483-01	DEYO, LAURIE C	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL	1		21,000
CITY TOTAL	1		21,000

PORTLAND			
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER			
1F05 TW04292-01	CAPUTI, ANGEL A	PHYSIOLOGY	29,000
INSTITUTION TOTAL	1		29,000

PROVIDENCE MEDICAL CENTER			
1F32 HL08101-01	SELF, DAVID A	PHYSIOLOGY	21,000
INSTITUTION TOTAL	1		21,000
CITY TOTAL	2		50,000
STATE TOTAL	3		71,000

PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1F06 TW01515-01	ZELIS, ROBERT	PHYSIOLOGY	34,114
INSTITUTION TOTAL	1		34,114
CITY TOTAL	1		34,114

PHILADELPHIA			
THOMAS JEFFERSON UNIVERSITY			
1F05 TW04091-01	ADANY, ROZA	PATHOLOGY	28,900



NIH RESEARCH FELLOWSHIP AWARDS			DOLLARS AWARDED
APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
PENNSYLVANIA			
PHILADELPHIA			
THOMAS JEFFERSON UNIVERSITY			
1F06 TW01526-01	MURPHY, SCOTT	CELL BIOLOGY	28,052
INSTITUTION TOTAL 2			56,952
UNIVERSITY OF PENNSYLVANIA			
1F05 TW04265-01	GAAL, GYONGYI	NEUROBIOLOGY	25,500
1F06 TW01547-01	LEBOY, PHOEBE S	DEVELOPMENTAL BIOLOGY	33,040
1F32 DK08343-01	MEYERS, CATHERINE M	IMMUNOLOGY	31,750
1F32 DK08404-01	RANDAZZO, PAUL A	BIOCHEMISTRY	29,250
INSTITUTION TOTAL 4			119,540
CITY TOTAL 6			176,492
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
1F32 GM13179-01	WILSON, RUSSELL B	ANATOMY	28,000
INSTITUTION TOTAL 1			28,000
CITY TOTAL 1			28,000
STATE TOTAL 8			238,606
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
1F32 DK08332-01	PORTER, TOM E	ENDOCRINOLOGY	21,000
1F05 TW04216-01	SILVA, RICARDO H	PHYSIOLOGY	28,000
INSTITUTION TOTAL 2			49,000
CITY TOTAL 2			49,000
STATE TOTAL 2			49,000
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
1F33 ES05484-01	BECK, DORIS J	MUTAGENESIS	29,840
INSTITUTION TOTAL 1			29,840
CITY TOTAL 1			29,840

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>TENNESSEE</b>			
<b>NASHVILLE</b>			
<b>VANDERBILT UNIVERSITY</b>			
1F05 TW04293-01	TOFOVIC, STEVAN P	PHARMACOLOGY	28,400
INSTITUTION TOTAL	1	28,400	
CITY TOTAL	1	28,400	
STATE TOTAL	2	58,240	
<b>TEXAS</b>			
<b>AUSTIN</b>			
<b>UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN</b>			
1F31 NR06398-01	HEYDEN, RICHARD F	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
<b>COLLEGE STATION</b>			
<b>TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A &amp; M UNIVERSITY AT COLLEGE STATION</b>			
1F32 NS08714-01	ALBERTS, ALLISON C	BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
<b>DALLAS</b>			
<b>UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS</b>			
1F05 TW04307-01	KARANTH, SHARADA	PHYSIOLOGY	28,200
1F32 HL08085-01	MORGAN, BARBARA J	PHARMACOLOGY	21,000
1F32 GM12547-01A1	SPERRY, ANN O	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	3	70,200	
CITY TOTAL	3	70,200	
<b>GALVESTON</b>			
<b>UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH</b>			
1F32 NS08728-01	NOVICKI, ANDREA	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>TEXAS</b>			
<b>HOUSTON</b>			
BAYLOR COLLEGE OF MEDICINE			
1F05 TW04242-01	LEVY, FINN O	ENDOCRINOLOGY	25,600
1F32 EY06172-01A2	PITTLER, STEVEN J	OPHTHALMOLOGY	20,000
INSTITUTION TOTAL 2		45,600	
<b>UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK</b>			
1F32 GM13367-01	WHEELER, RALPH A	BIOCHEMISTRY	28,000
INSTITUTION TOTAL 1		28,000	
CITY TOTAL 3		73,600	
<b>SAN ANTONIO</b>			
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH			
1F32 GM12782-01A1	BLANGERO, JOHN C	GENETICS	28,000
INSTITUTION TOTAL 1		28,000	
<b>UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO</b>			
1F05 TW04221-01	CHOI, SOO B	ENDOCRINOLOGY	27,900
1F05 TW04264-01	DE KEYSER, FILIP J G	IMMUNOLOGY	28,900
INSTITUTION TOTAL 2		56,800	
CITY TOTAL 3		84,800	
STATE TOTAL 12		282,100	
<b>UTAH</b>			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1F05 TW04271-01	EUGENIN, JAIME L	NEUROBIOLOGY	28,050
INSTITUTION TOTAL 1		28,050	
CITY TOTAL 1		28,050	
STATE TOTAL 1		28,050	
<b>VERMONT</b>			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1F32 DK08390-01	BRODSKY, IRWIN G	ENDOCRINOLOGY	31,750



NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>VERMONT</b>			
<b>BURLINGTON</b>			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1F05 TW04252-01	VERMA, ASHOK	NEUROBIOLOGY	27,930
INSTITUTION TOTAL 2 59,680			
CITY TOTAL 2 59,680			
STATE TOTAL 2 59,680			
<b>VIRGINIA</b>			
<b>CHARLOTTESVILLE</b>			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1F32 NS08781-01	MANGAN, PATRICK S	NEUROBIOLOGY	20,000
INSTITUTION TOTAL 1 20,000			
CITY TOTAL 1 20,000			
<b>RICHMOND</b>			
VIRGINIA COMMONWEALTH UNIVERSITY			
1F32 HL08104-01	DUDLEY, SAMUEL C, JR	PHYSIOLOGY	20,000
INSTITUTION TOTAL 1 20,000			
CITY TOTAL 1 20,000			
STATE TOTAL 2 40,000			
<b>WASHINGTON</b>			
<b>SEATTLE</b>			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1F32 GM13277-01	BENEZRA, ROBERT	MOLECULAR BIOLOGY	30,500
1F32 NS08758-01	BOWERMAN, BRUCE A	DEVELOPMENTAL BIOLOGY	20,000
INSTITUTION TOTAL 2 50,500			
<b>UNIVERSITY OF WASHINGTON</b>			
1F32 NS08716-01	DEYERLE, KAREN L	NEUROBIOLOGY	20,000
1F31 NR06273-01A2	ERSEK, MARY T	NURSING	12,500
1F32 HL08155-01	GLENNY, ROBB W	PULMONARY DISEASES	31,750
1F05 TW04277-01	HOKLAND, BJORN M	BIOCHEMISTRY	28,010
1F32 NS08775-01	HSU, SEAN S-F	NEUROBIOLOGY	29,250
1F31 NR06412-01	MOODY, KIMBERLY A	NURSING	12,500

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
<b>WASHINGTON</b>			
<b>SEATTLE</b>			
<b>UNIVERSITY OF WASHINGTON</b>			
1F32 NR06384-01	PATTERSON, DIANA L	SOCIAL/BEHAVIORAL SCIENCES	30,500
1F31 NR06401-01	POWELL-COPE, GAIL M	NURSING	12,500
1F32 AI08150-01	RITCHIE, KINDRED A	IMMUNOLOGY	30,500
1F32 NS08722-01	ROBINOW, STEVEN N	NEUROBIOLOGY	20,000
1F32 NS08315-01A2	SILBERGELD, DANIEL L	NEUROBIOLOGY	31,750
1F32 NS08745-01	THOMSEN, WILLIAM J	PHARMACOLOGY	20,000
1F31 NR06367-01	WESTFALL, UNA E	NURSING	12,500
<b>INSTITUTION TOTAL</b>			
13		291,760	
<b>CITY TOTAL</b>		342,260	
<b>STATE TOTAL</b>		342,260	

<b>WISCONSIN</b>			
<b>MADISON</b>			
<b>UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON</b>			
1F05 TW04211-01	CHUNG, KI-CHUL	MICROBIOLOGY	27,800
1F31 NR06437-01	JADACK, ROSEMARY A	NURSING	12,500
1F32 GM12953-01	KILEY, PATRICIA J	MOLECULAR BIOLOGY	28,000
1F31 NR06420-01	LENNIE, TERRY A	NURSING	12,500
1F32 GM13186-01	OSTREM, VOULA	DEVELOPMENTAL BIOLOGY	21,000
1F05 TW04298-01	POLAKOWSKI, IGOR J	IMMUNOLOGY	25,475
1F32 HL08136-01	SOTTILE, JANE M	BIOCHEMISTRY	21,000
1F05 TW04228-01	TOLOSA DE TALAMONI, NORI	MOLECULAR BIOLOGY	28,065
<b>INSTITUTION TOTAL</b>			
8		176,340	
<b>CITY TOTAL</b>		176,340	
<b>STATE TOTAL</b>		176,340	

<b>FRANCE</b>			
<b>PARIS</b>			
<b>PASTEUR INSTITUTE</b>			
1F32 GM12539-01A1	HILL, JOSEPH A, JR	NEUROBIOLOGY	25,000
<b>INSTITUTION TOTAL</b>			
1		25,000	
<b>CITY TOTAL</b>		25,000	
<b>STATE TOTAL</b>		25,000	

NIH  
RESEARCH FELLOWSHIP AWARDS

DOLLARS  
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
GERMANY FED R GOTTINGEN GEORG AUGUST UNIVERSITY OF GOTTINGEN 1F06 TW01520-01	FLUHARTY, ARVAN L	BIOCHEMISTRY	
INSTITUTION TOTAL	1		33,200
CITY TOTAL	1		33,200

33,200

MUNICH  
MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE--INSTITUTE FOR BIOCHEMISTRY  
1F06 TW01501-01 LUCKENBILL-EDDS, LOUISE  
CELL BIOLOGY

26,153

INSTITUTION TOTAL	1	26,153
CITY TOTAL	1	26,153
STATE TOTAL	2	59,353

NETHERLANDS  
MAASTRICHT  
STATE UNIVERSITY OF LIMBURG  
1F33 HL08027-01 ABEL, FRANCIS L  
PHYSIOLOGY

26,321

INSTITUTION TOTAL	1	26,321
CITY TOTAL	1	26,321
STATE TOTAL	1	26,321

SWEDEN  
STOCKHOLM  
CAROLINE INSTITUTE  
1F32 NS08732-01 PIERIBONE, VINCENT A  
NEUROBIOLOGY

17,000

INSTITUTION TOTAL	1	17,000
CITY TOTAL	1	17,000
STATE TOTAL	1	17,000

UNITED KINGDOM  
CAMBRIDGE  
UNIVERSITY OF CAMBRIDGE  
1F32 EY06112-01A1 WEBSTER, MICHAEL A  
EXPERIMENTAL AND GENERAL PSYCHOLOGY

17,000

INSTITUTION TOTAL	1	17,000
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DOLLARS  
AWARDED

NIH  
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1		17,000
UNITED KINGDOM			
LONDON			
IMPERIAL CANCER RESEARCH FUND			
1F33 HD07301-01	CUNHA, GERALD R	ENDOCRINOLOGY	32,850
INSTITUTION TOTAL	1		32,850
CITY TOTAL	1		32,850
STATE TOTAL	2		49,850
TOTAL	260		6,414,777

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>ALABAMA</b>			
<b>BIRMINGHAM</b>			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1K07 HL02327-01	BAILEY, WILLIAM C	PREVENTIVE PULMONARY ACADEMIC AWARD	86,346
1K15 DE00283-01	BODDEN, MARTIN K	METALLOPROTEINASE INHIBITOR/TMP/COLLAGEN REMODELING	78,078
INSTITUTION TOTAL	2		
CITY TOTAL	2		
<b>MOBILE</b>			
UNIVERSITY OF SOUTH ALABAMA			
1K11 AI00922-01	MARKS, GILBERT L	GENETICS OF RICKETTSIA PROWAZEKII SURFACE ANTIGENS	75,589
INSTITUTION TOTAL	1		75,589
CITY TOTAL	1		
STATE TOTAL	3		240,013
<b>CALIFORNIA</b>			
<b>DAVIS</b>			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1K07 HL01942-01A2	AMSTERDAM, EZRA A	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	113,558
1K01 AG00429-01A1	MC DONALD, ROGER B	AGING, HIGH SUCROSE DIETS AND PANCREATIC FUNCTION	50,887
INSTITUTION TOTAL	2		
CITY TOTAL	2		
<b>LA JOLLA</b>			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1K11 EY00309-01	BRITT, STEVEN G	MOLECULAR GENETICS OF RHODOPSIN & VISUAL TRANS IN DROSOP	67,387
INSTITUTION TOTAL	1		
CITY TOTAL	1		
<b>LOS ANGELES</b>			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1K04 CA01351-01A1	BARSKY, SANFORD H	TUMOR CELL-DESMOPLASTIC RESPONSE INTERACTIONS	54,432
1K04 DE00282-01	MIYASAKI, KENNETH T	CONTROL OF PERIODONTAL BACTERIA BY NEUTROPHILS	53,568
INSTITUTION TOTAL	2		
CITY TOTAL	2		

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>CALIFORNIA</b>			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1K11 AG00445-01	HOLTZMAN, DAVID M	TRISOMY 16 & NGF--EFFECTS ON CNS GENE EXPRESSION	71,523
1K08 AR01819-01	ORY, PETER A	CHARACTERIZATION OF CD16 ON NEUTROPHILS	75,008
INSTITUTION TOTAL	2		
CITY TOTAL	2		
			146,531
			146,531
<b>SANTA CRUZ</b>			
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
1K04 GM00546-01	ARES, MANUEL	STRUCTURE AND FUNCTION OF YEAST SNRNP5	53,167
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			53,167
			53,167
<b>STANFORD</b>			
STANFORD UNIVERSITY			
1K07 HL02268-01	FARQUHAR, JOHN W	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	108,221
1K01 AG00440-01	KING, ABBY C	EXERCISE AND STRESS-RELATED RESPONSE IN OLDER ADULTS	61,865
1K08 DK01929-01	SCHEVING, LAWRENCE A	COLI HEAT STABLE ENTEROTOXIN AND INTESTINAL RECEPTOR	76,753
INSTITUTION TOTAL	3		
CITY TOTAL	3		
			246,839
			246,839
STATE TOTAL	11		
			786,369
<b>COLORADO</b>			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1K04 GM00536-01	SCHENCK, CRAIG C	REACTION CENTER DYNAMICS	51,840
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			51,840
			51,840
STATE TOTAL	1		
			51,840
<b>CONNECTICUT</b>			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1K15 DE00253-01A1	BINDER, TERRI A	BASIS OF GENETIC SUSCEPTIBILITY OF MURINE EAE	73,267



NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1K11 DE00286-01 1K15 DE00276-01	KRONMILLER, JAN E REDFORD, DÉBORAH A	EFFECTS OF RETINOIDS & GROWTH FACTORS ON BRANCHIAL ARCH MUTATION IDENTIFICATION IN HERITABLE CHONDRODYSSTROPHIES	70,043 58,203
INSTITUTION TOTAL CITY TOTAL	3 3		201,513 201,513
NEW HAVEN YALE UNIVERSITY 1K07 HL02316-01 1K11 DK01906-01	BECKETT, WILLIAM S EISEN, THOMAS D	PREVENTIVE PULMONARY ACADEMIC AWARD PH REGULATION IN CULTURED COLLECTING DUCT CELLS	88,085 77,382
INSTITUTION TOTAL CITY TOTAL	2 2		165,467 165,467
STATE TOTAL	5		366,980
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1K04 DK01898-01	KELLER-WOOD, MAUREEN E	CONTROL OF CORTICOTROPIN DURING PREGNANCY	52,877
INSTITUTION TOTAL CITY TOTAL	1 1		52,877 52,877
MIAMI UNIVERSITY OF MIAMI 1K11 EY00308-01	COUSINS, SCOTT W	CHARACTERIZATION OF LYMPHOCYTE INHIBITOR	64,800
INSTITUTION TOTAL CITY TOTAL	1 1		64,800 64,800
STATE TOTAL	2		117,677
GEORGIA ATLANTA EMORY UNIVERSITY 1K15 DE00287-01 1K08 NS01336-01	DANIEL, MICHAEL A SHOFFNER, JOHN M	MOLECULAR BIOLOGY OF PMN CHEMOTAXIS IN LJP MOLECULAR GENETICS OF MATERNALLY TRANSMITTED DISEASE	64,281 63,504

NIH  
RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
GEORGIA ATLANTA EMORY UNIVERSITY 1K11 DE00288-01	TIMMIS, DAVID P	CORRELATION OF JAW MUSCLE HISTOLOGY AND PHYSIOLOGY	70,139

INSTITUTION TOTAL	3	197,924
CITY TOTAL	3	197,924
STATE TOTAL	3	197,924

ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1K08 HL02376-01	RAY, DANIEL W	NEUROPEPTIDES IN HYPERPNEA-INDUCED BRONCHOCONSTRICTION	64,800
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INSTITUTION TOTAL	1	64,800
CITY TOTAL	1	64,800
STATE TOTAL	1	64,800

IOWA IOWA CITY UNIVERSITY OF IOWA 1K04 DE00234-01A1	KELLER, JOHN C	WOUND HEALING RESPONSES TO TI IMPLANT SURFACES	54,000
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INSTITUTION TOTAL	1	54,000
CITY TOTAL	1	54,000
STATE TOTAL	1	54,000

KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1K08 CA01416-01 1K04 HL02314-01 1K07 HL02322-01	CHANCELLOR, KAREN DEKIN, MICHAEL S PHILLIPS, BARBARA A	MOLECULAR PATHOLOGY OF LEUKEMIA/LYMPHOID MARKER ROLE OF NEUROCHEMICALS IN RESPIRATORY PATTERN FORMATION PREVENTIVE PULMONARY ACADEMIC AWARD	45,209 49,881 69,752
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INSTITUTION TOTAL	3	164,842
CITY TOTAL	3	164,842
STATE TOTAL	3	164,842

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
LOUISIANA			
NEW ORLEANS			
XAVIER UNIVERSITY OF LOUISIANA			
1K14 HL02134-01A1	OLUBADEWO, JOSEPH O	THYROID STATUS VASCULAR AND OTHER SMOOTH MUSCLE FUNCTION	56,044
INSTITUTION TOTAL	1		56,044
CITY TOTAL	1		56,044
STATE TOTAL	1		56,044
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1K08 NS01359-01	JOHNS, DONALD R	MOLECULAR BIOLOGIC ANALYSIS OF MITOCHONDRIAL MYOPATHIES	64,368
1K08 NS01355-01	ROTHSCHILD, JEFFREY D	DIAZEPAM BINDING INHIBITOR IN HEPATIC ENCEPHALOPATHY	64,368
INSTITUTION TOTAL	2		128,736
KENNEDY INSTITUTE, INC.--KENNEDY INSTITUTE FOR HANDICAPPED CHILDREN			
1K08 NS01329-01	LATERRA, JOHN J	ADHESION MOLECULES OF BRAIN MICROVESSEL CELLS	65,232
INSTITUTION TOTAL	1		65,232
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL			
1K07 HL02263-01	MEYERSON, DAVID A	PREVENTIVE CARDIOLOGY ACADEMIC AWARD	98,304
1K15 DE00262-01	VORSTEG, GRACE M	DENTIST SCIENTIST AWARD	60,253
INSTITUTION TOTAL	2		158,557
CITY TOTAL	5		352,525
STATE TOTAL	5		352,525
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1K04 GM00528-01	FITZGERALD-HAYES, MOLLY	ANALYSIS OF COMPONENTS INVOLVED IN CENTROMERE FUNCTION	56,475
INSTITUTION TOTAL	1		56,475
CITY TOTAL	1		56,475
BOSTON			
BETH ISRAEL HOSPITAL			
1K08 HL02387-01	CUNNINGHAM, MICHAEL J	INFLUENCE OF MYOCARDIAL HYPERTROPHY--DIASTOLIC FUNCTION	62,208
INSTITUTION TOTAL	1		62,208



NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>MASSACHUSETTS</b>			
<b>BOSTON</b>			
<b>BRIGHAM AND WOMEN'S HOSPITAL</b>			
1K08 DK01886-01	BLUMBERG, RICHARD S	ASSEMBLY AND FUNCTION OF THE T CELL RECEPTOR/CD3 COMPLEX	76,922
1K04 HL02273-01	LOSCALZO, JOSEPH	PLATELETS, PLATELET THROMBI, AND PLASMINOGEN ACTIVATION	55,322
<b>INSTITUTION TOTAL</b> 2 132,244			
<b>CHILDREN'S HOSPITAL</b>			
1K11 HD00888-01	LEIFER, DANA	THY-1 IN MENTAL RETARDATION AND CNS REGENERATION	63,504
<b>INSTITUTION TOTAL</b> 1 63,504			
<b>DANA-FARBER CANCER INSTITUTE</b>			
1K08 HL02394-01	KOUREMBANAS, STELLA	REGULATION OF PDGF PRODUCTION BY ENDOTHELIAL CELLS	54,000
1K11 AI00903-01A1	PARKER, CHRISTINE M	FUNCTIONAL T CELL RECEPTOR GAMMA DELTA CELLS & GENES	54,282
1K11 HD00874-01	VIK, TERRY A	S6 KINASE ACTIVATION, REGULATION, AND ORGANIZATION	64,121
<b>INSTITUTION TOTAL</b> 3 172,403			
<b>HARVARD UNIVERSITY</b>			
1K11 HL02374-01	FREVERT, CHARLES E	LUNG MACROPHAGE FUNCTION IN ENDOTOXIN-INDUCED INJURY	64,261
1K08 AR01824-01	GRAVALLÈSE, ELLEN M	ROLE OF LIPOPOLYSACCHARIDE IN CONNECTIVE TISSUE DISEASE	73,872
1K08 AI00926-01	MCCARTHY, PHILIP L	HOMOLOGOUS RECOMBINATION IN EMBRYONAL STEM CELLS	63,504
<b>INSTITUTION TOTAL</b> 3 201,637			
<b>MASSACHUSETTS GENERAL HOSPITAL</b>			
1K11 HL02221-01	DRANOFF, GLENN	MOLECULAR GENETICS AND HEMATOPOIESIS	59,558
1K08 NS01368-01	MC KEE, ANN C	CYTOSKELETAL DISORGANIZATION ALZHEIMER'S DISEASE	68,187
1K11 AI00930-01	POMERANTZ, ROGER J	CELLULAR TROPISM OF HIV	68,295
1K08 HL02348-01	REED, GUY L	ENHANCING THROMBOLYSIS BY INHIBITION OF A2-ANTIPLASMIN	68,295
<b>INSTITUTION TOTAL</b> 4 264,335			
<b>NEW ENGLAND MEDICAL</b>			
1K08 NS01367-01	CENTER HOSPITALS, INC. DARRAS, BASIL THEODORE	MOLECULAR STUDIES OF SODIUM CHANNELS IN SKELETAL MUSCLE	61,344
<b>INSTITUTION TOTAL</b> 1 61,344			
<b>CITY TOTAL</b> 15 957,675			
<b>STATE TOTAL</b> 16 014,150			
<b>MINNESOTA</b>			
<b>MINNEAPOLIS</b>			
1K08 DK01920-01	UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL SEAQUIST, ELIZABETH R	PGE2, G PROTEINS, AND INSULIN SECRETION	78,192

NIH  
RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

## PRINCIPAL AREA OF RESEARCH

## AWARDEE

## GRANT NUMBER

INSTITUTION TOTAL 1 78,192  
CITY TOTAL 1 78,192  
  
STATE TOTAL 1 78,192

MISSISSIPPI  
MISSISSIPPI STATE  
MISSISSIPPI STATE UNIVERSITY  
1K04 ES00190-01 CHAMBERS, JANICE E

RESEARCH CAREER DEVELOPMENT IN BIOCHEMICAL TOXICOLOGY 51,408

INSTITUTION TOTAL 1 51,408  
CITY TOTAL 1 51,408  
  
STATE TOTAL 1 51,408

MISSOURI  
KANSAS CITY  
UNIVERSITY OF MISSOURI-KANSAS CITY  
1K11 DE00260-01 SPENCER, PAULETTE

DEVELOPMENT OF A SUBSTRATE FOR TESTING DENTAL ADHESION 70,728

INSTITUTION TOTAL 1 70,728  
CITY TOTAL 1 70,728

SAINT LOUIS  
WASHINGTON UNIVERSITY  
1K04 AI00919-01 WETSEL, RICK A

COMPLEMENT C5 DEFICIENCY--MOLECULAR ANALYSIS 49,279

INSTITUTION TOTAL 1 49,279  
CITY TOTAL 1 49,279  
  
STATE TOTAL 2 120,007

NEW MEXICO  
ALBUQUERQUE  
UNIVERSITY OF NEW MEXICO ALBUQUERQUE  
1K04 NS01352-01 ROGERS, SHERRY L

LAMININ AND FIBRONECTIN

52,045

INSTITUTION TOTAL 1 52,045  
CITY TOTAL 1 52,045  
  
STATE TOTAL 1 52,045

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
<b>NEW YORK</b>			
<b>BUFFALO</b>			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
1K08 NS01361-01	LANGAN, THOMAS J	ISOPRENOLIDS AND CELL CYCLING IN DEVELOPING GLIAL CELLS	64,800
INSTITUTION TOTAL	1		64,800
CITY TOTAL	1		64,800
<b>NEW YORK</b>			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1K11 EY00306-01	GIZZI, NARTIN S	PROCESSES OF VISUAL TRACKING	69,311
INSTITUTION TOTAL	1		69,311
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1K08 CA01501-01	RATECH, HOWARD	ONCOGENES AND HUMAN B CELL TRANSFORMATION	65,504
INSTITUTION TOTAL	1		65,504
CORNELL UNIVERSITY MEDICAL CENTER			
1K04 HL02313-01	SILVERSTEIN, ROY L	MOLECULAR AND CELL BIOLOGY OF A THROMBOSPONDIN RECEPTOR	53,136
INSTITUTION TOTAL	1		53,136
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1K08 AG00471-01	MANDELBLATT, JEANNE S	BREAST AND CERVIX CANCER CONTROL IN THE ELDERLY	58,968
INSTITUTION TOTAL	1		58,968
ROCKEFELLER UNIVERSITY			
1K11 DK01927-01	SKOLNIK, EDWARD	GLYCOSYLATED PROTEINS--DEVELOPING DIABETIC KIDNEY	60,164
INSTITUTION TOTAL	1		60,164
YESHIVA UNIVERSITY			
1K08 DK01909-01	GUPTA, SANJEEV	GROWTH FACTORS AND LIVER REGENERATION	76,896
INSTITUTION TOTAL	1		76,896
CITY TOTAL	6		383,979
<b>STONY BROOK</b>			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1K11 DE00263-01	GARLICK, JONATHAN A	TISSUE SPECIFIC REPLICATION OF PAPILLOMAVIRUSES	53,654
INSTITUTION TOTAL	1		53,654



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RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1		53,654
STATE TOTAL	8		502,433
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY	EARL, NANCY L	GENETIC EPIDEMIOLOGY OF LATE ONSET ALZHEIMER'S DISEASE	63,072
1K08 AG00439-01	LIGGETT, STEPHEN B	MOLECULAR BASIS OF ADRENERGIC RECEPTOR FUNCTION	63,072
1K11 HL02386-01	SCROGGS, MARK W	MECHANISMS OF RADIATION SUPPRESSED CORNEAL ANGIOGENESIS	62,360
1K11 EY00304-01A1			
INSTITUTION TOTAL	3		188,504
CITY TOTAL	3		188,504
STATE TOTAL	3		188,504
OHIO			
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER	COHEN, MITCHELL B	REGULATION OF ST ACTION--HUMAN INTESTINAL ST RECEPTOR	74,304
1K08 DK01908-01			
INSTITUTION TOTAL	1		74,304
CITY TOTAL	1		74,304
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY	UNIVERSITY		
1K08 DK01870-01A1	LAKSHMANAN, MARK C	THYROID HORMONE TRANSPORT ACROSS CNS PLASMA MEMBRANES	75,600
INSTITUTION TOTAL	1		75,600
CITY TOTAL	1		75,600
STATE TOTAL	2		149,904
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON	GERNSBACHER, MORTON A	COGNITIVE PROCESSES & MECHANISMS IN COMPREHENSION	56,160
1K04 NS01376-01			
INSTITUTION TOTAL	1		56,160
CITY TOTAL	1		56,160
STATE TOTAL	1		56,160

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
INSTITUTE FOR CANCER RESEARCH			
1K11 CA01456-01	BECKMAN, ROBERT A	STRUCTURAL & DYNAMIC STUDIES OF PROTEINS BY NMR	56,700
INSTITUTION TOTAL 1 56,700			
TEMPLE UNIVERSITY			
1K07 HL02103-01A2	FIEL, STANLEY B	PREVENTIVE PULMONARY ACADEMIC AWARD	87,264
INSTITUTION TOTAL 1 87,264			
CITY TOTAL 2 143,964			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1K04 AG00431-01A1	BURGIO, KATHRYN L	BEHAVIORAL VS. DRUG INTERVENTION--URINARY INCONTINENCE	45,100
INSTITUTION TOTAL 1 45,100			
CITY TOTAL 1 45,100			
STATE TOTAL 3 189,064			
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
1K04 ES00193-01	BOEKELHEIDE, KIM	CYTOSKELETAL TARGETS OF NEURONAL/TESTICULAR TOXICANTS	57,456
INSTITUTION TOTAL 1 57,456			
CITY TOTAL 1 57,456			
STATE TOTAL 1 57,456			
TENNESSEE			
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
1K14 HL02332-01	TRUPIN, JOEL S	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD	62,222
INSTITUTION TOTAL 1 62,222			
VANDERBILT UNIVERSITY			
1K08 DK01893-01	BARNARD, JOHN A	ROLE OF TRANSFORMING GROWTH FACTORS IN THE INTESTINE	73,397
1K08 HL02276-01	PERKETT, ELIZABETH A	SMOOTH MUSCLE CELLS & PULMONARY HYPERTENSION	63,982
INSTITUTION TOTAL 2 137,379			

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RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

## PRINCIPAL AREA OF RESEARCH

## AWARDEE

## GRANT NUMBER

CITY TOTAL 3 199,601

STATE TOTAL 3 199,601

## TEXAS

## AUSTIN

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN

1K04 DK01918-01 COBB, MELANIE H INSULIN-ENHANCED PHOSPHORYLATION OF RIBOSOMAL PROTEIN S6

55,080

INSTITUTION TOTAL 1 55,080

CITY TOTAL 1 55,080

## DALLAS

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS

1K11 DK01915-01 LEFFERT, JONATHAN D STRUCTURE AND EXPRESSION OF DIABETES ASSOCIATED PEPTIDE

76,896

1K08 DK01888-01 STAR, ROBERT A ACID-BASE TRANSPORT IN INNER MEDULLARY COLLECTING DUCTS

76,680

INSTITUTION TOTAL 2 153,576

CITY TOTAL 2 153,576

## GALVESTON

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH

1K04 HL02353-01 KUNA, SAMUEL T LARYNGEAL FUNCTION IN RESPIRATION

54,864

INSTITUTION TOTAL 1 54,864

CITY TOTAL 1 54,864

STATE TOTAL 4 263,520

## VIRGINIA

## CHARLOTTESVILLE

UNIVERSITY OF VIRGINIA CHARLOTTESVILLE

1K04 HL02307-01 GOMEZ, ROBERTO A REGULATION OF RENIN SYNTHESIS AND RELEASE IN THE KIDNEY

53,460

1K04 HL02272-01 GONIAS, STEVEN L PROTEINASE IN FIBRINOLYSIS AND THROMBOLYTIC THERAPY

53,568

INSTITUTION TOTAL 2 107,028

CITY TOTAL 2 107,028

STATE TOTAL 2 107,028



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RESEARCH CAREER PROGRAM AWARDS

DOLLARS  
AWARDED

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1K11 CA01391-01A1 JENISON, STEVE A		IMMUNE RESPONSES TO HPVS INVOLVED IN GENITAL NEOPLASIA	70,511
INSTITUTION TOTAL	1		70,511
UNIVERSITY OF WASHINGTON 1K08 NS01371-01 GRADY, MICHAEL S 1K08 AI00938-01 RYAN, CAROLINE A		GRAFTS MODIFYING HOST NEURON DEATH CHARACTERIZATION OF ERYTHROMYCIN RESISTANT CAMPYLOBACTER	62,640 60,707
INSTITUTION TOTAL	2		123,347
CITY TOTAL	3		193,858
STATE TOTAL	3		193,858
TOTAL	87		5,676,344





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